



#13

Sequence Listing

<110> Kumar Verma, Sunil
Singh, Lalji

<120> UNIVERSAL PRIMERS FOR WILDLIFE IDENTIFICATION

<130> U-013365-9

<140> 09/821782

<141> 2001-03-29

<160> 255

<210> 1

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer "mcb 398" for amplifying fragment of cytochrome b gene
of animal species

<400> 1

taccatgagg acaaatatcta ttctg

25

<210> 2

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer "mcb 869" for amplifying fragment of cytochrome b gene
of animal species

<400> 2

cctcctagtt tgtagggat tgatcg

26

<210> 3

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> primer "AFF" for amplifying fragment of cytochrome b gene of animal species

<400> 3

ctagtagaat gaatctgagg agg

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<210> 4

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> primer "AFR" for amplifying fragment of cytochrome b gene of animal species

<400> 4

tatgcaaata ggaagtatca ttc

23

<210> 5

<211> 328

<212> DNA

<213> adil.flesh

<220>

<223> DNA sequence generated from the confiscated skin of unknown animal origin using primers mcb398 and mcb869

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ttcatccttc	catttatcat	ctcagctcta	gcagcagtc	acctcctatt	ccttcacgag	120
acaggatcta	acaaccctc	aggaatagta	tccgactcag	acaaaattcc	attccacca	180

tactacacaa tcaaagatat cctgggcctt ctagtactaa tcctagcact catactactc	240
gtcctattct caccagacct gttaggagac cccgataact acatccctgc caaccctcta	300
aatacccctc cccatatcaa gcctgaat	328

<210> 6

<211> 328

<212> DNA

<213> bhz25t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<400> 6

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ttcatccttc catttatcat ctcagcccta gcagcagtc acctcctatt cctccatgag	120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc	240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta	300
aacaccctc cccatatcaa gcgcgaat	328

<210> 7

<211> 328

<212> DNA

<213> bhz26t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 2 using primers mcb398 and mcb869

<400> 7

tgaatctgag gaggtttctc agtagacaaa gccaccctga cacgattctt tgccttccac	60
ttcatccttc catttatcat ctcagcccta gcagcagtc acctcctatt cctccatgag	120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc	240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta	300
aacaccctc cccatatcaa gcgcgaat	328

<210> 8

<211> 328

<212> DNA

<213> bhz30t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 3 using primers mcb398 and mcb869

<400> 8

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgcttccac	60
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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 9

<211> 328

<212> DNA

<213> bhz45t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 4 using primers mcb398 and mcb869

<400> 9

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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 10

<211> 328

<212> DNA

<213> bhz56t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*)

animal number 5 using primers mcb398 and mcb869

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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 11

<211> 328

<212> DNA

<213> bhz63t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 6 using primers mcb398 and mcb869

<400> 11

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtcc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 12

<211> 328

<212> DNA

<213> bhz20wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<400> 12

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtcc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240

gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta	300
aacacccctc cccatatcaa gcgcgaat	328

<210> 13

<211> 328

<212> DNA

<213> bhz22wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 2 using primers mcb398 and mcb869

<400> 13

tgaatctgag gaggccttctc agtagacaaa gccaccctga caccgattctt tgccttccac	60
ttcatccttc catttatcat ctcagcccta gcagcagtc acctcctatt cctccatgag	120
acaggatcta acaacccctc aggaatagta tctgactcag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc	240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta	300
aacacccctc cccatatcaa gcgcgaat	328

<210> 14

<211> 328

<212> DNA

<213> bhz23wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 3 using primers mcb398 and mcb869

<400> 14

tgaatctgag gaggccttctc agtagacaaa gccaccctga caccgattctt tgccttccac	60
ttcatccttc catttatcat ctcagcccta gcagcagtc acctcctatt cctccatgag	120
acaggatcta acaacccctc aggaatagta tctgactcag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc	240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta	300
aacacccctc cccatatcaa gcgcgaat	328

<210> 15

<211> 328

<212> DNA

<213> bhz28wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 4 using primers mcb398 and mcb869

<400> 15

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 16

<211> 328

<212> DNA

<213> gz1L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 1 using primers mcb398 and mcb869

<400> 16

tgaatctgag	gaggcttctc	agtagacaaa	gctaccttga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagctcta	gcagcagtc	acctcctatt	ccttcacgag	120
acaggatcta	acaaccctc	aggaatagta	tccgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagatat	cctgggcctt	ctagtactaa	tcctagcact	catactactc	240
gtcctattct	caccagacct	gttaggagac	cccgataact	acatccctgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 17

<211> 328

<212> DNA

<213> gz2L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 2 using primers mcb398 and mcb869

<400> 17

tgaatctgag	gaggcttctc	agtagacaaa	gctaccttga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagctcta	gcagcagtc	acctcctatt	ccttcacgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcttagcact	catactactc	240
gtcctattct	caccagacct	gttgggagac	cccgataact	acatccccgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 18

<211> 328

<212> DNA

<213> gz3L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 3 using primers mcb398 and mcb869

<400> 18

tgaatctgag	gaggcttctc	agtagacaaa	gctaccttga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagctcta	gcagcagtc	acctcctatt	ccttcacgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcttagcact	catactactc	240
gtcctattct	caccagacct	gttgggagac	cccgataact	acatccccgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 19

<211> 328

<212> DNA

<213> gz21CL

<220>

<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 1 using primers mcb398 and mcb869

<400> 19

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattttt	cgccttccac	60
ttcatccttc	catttatcat	ctcagcctta	gcagcagtc	accttctatt	tctccatgaa	120
aaggatcca	ataaccctc	aggaatggta	tccgattcag	acaaaatccc	gttccacccg	180
tactatacaa	tcaaagatat	cctaggcctc	ctagttctaa	ttctagcgct	cacactactt	240
gttctattct	ccccagacct	actaggagac	cctgacaatt	acactcccgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 20

<211> 328

<212> DNA

<213> gz22CL

<220>

<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 2 using primers mcb398 and mcb869

<400> 20

tgaatctgag gaggtttctc agtagacaaa gccaccctga cacgattttt cgccttccac	60
ttcatcctcc catttatcat ctcagcctta gcagcagttc accttctatt tctccatgaa	120
aaggatcca ataaccctc aggaatggta tccgattcag acaaaatccc gttccaccgc	180
tactatacaa tcaaagatat cctaggcctc ctagttctaa ttctagcgct cacactactt	240
gttctattct cccagacct actaggagac cctgacaatt acactccgc caaccctcta	300
aataccctc cccatatcaa gcctgaat	328

<210> 21

<211> 328

<212> DNA

<213> darz14SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*) animal number 1 using primers mcb398 and mcb869

<400> 21

tgaatctgag gaggtttctc agtacacaaa gccaccctga cacgattctt tgccttccac	60
ttcatccttc catttatcat ctcagcctta gcagcagttc acctcctatt cctccatgag	120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccga	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc	240
gtcctattct caccagacct attaggggac gccgataact acatccccgc caaccctcta	300
aacaccctc cccatatcaa gcccgat	328

<210> 22

<211> 328

<212> DNA

<213> darz15SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*) animal number 2 using primers mcb398 and mcb869

<400> 22

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ttcatccttc	catttatcat	ctcagcccta	gcagcagtcc	acctcctatt	cctccatgag	120
acaggatcta	acaacccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	gccgataact	acatccccgc	caaccctcta	300
aacacccctc	cccatatcaa	gcccgaat				328

<210> 23

<211> 328

<212> DNA

<213> darz16SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*) animal number 3 using primers mcb398 and mcb869

<400> 23

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ttcatccttc	catttatcat	ctcagcccta	gcagcagtcc	acctcctatt	cctccatgag	120
acaggatcta	acaacccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	gccgataact	acatccccgc	caaccctcta	300
aacacccctc	cccatatcaa	gcccgaat				328

<210> 24

<211> 328

<212> DNA

<213> sbz22AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 1 using primers mcb398 and mcb869

<400> 24

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
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ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctggt	cctccatgaa	120
acaggatcta	ataacccctc	aggaatggta	tctgactcag	ataaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcttaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	atacccccgc	caatcctcta	300
agcaccctc	cccatatcaa	acctgaat				328

<210> 25

<211> 328

<212> DNA

<213> sbz38AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 2 using primers mcb398 and mcb869

<400> 25

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ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctggt	cctccatgaa	120
acaggatcta	ataacccctc	aggaatggta	tctgactcag	ataaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcttaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	atacccccgc	caatcctcta	300
agcaccctc	cccatatcaa	acctgaat				328

<210> 26

<211> 328

<212> DNA

<213> sbz39AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 3 using primers mcb398 and mcb869

<400> 26

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ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctggt	cctccatgaa	120
acaggatcta	ataacccctc	aggaatggta	tctgactcag	ataaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcttaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	atacccccgc	caatcctcta	300
agcaccctc	cccatatcaa	acctgaat				328

<210> 27

<211> 328

<212> DNA

<213> humsk

<220>

<223> DNA sequence generated from the known human (*Homo sapiens sapiens*) using primers mcb398 and mcb869

<400> 27

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ttcatcttgc	ccttcattat	tgcagcccta	gcagcactcc	acctcctatt	cttgacagaa	120
acgggatcaa	acaacccccct	aggaatcacc	tcccatccg	ataaaatcat	cttccaccct	180
tactacacaa	tcaaagacgc	cctcggttta	cttctcttcc	ttctctcctt	aatgacatta	240
acactattct	caccagacct	cctaggcgac	ccagacaatt	ataccctagc	caacccctta	300
aacacccctc	cccacatcaa	gcccgaat				328

<210> 28

<211> 328

<212> DNA

<213> chimss

<220>

<223> DNA sequence generated from the known chimpanzee (*pan troglodytes*) animal using primers mcb398 and mcb869

<400> 28

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tttatcttac	ccttcattat	cacagcccta	acaacacttc	atctcctatt	cttacacgaa	120
acaggatcaa	ataacccccct	gggaatcacc	tcccactccg	acaaaattac	cttccacccc	180
tactacacaa	tcaaagatat	ccttgggtta	ttccttttcc	tccttatact	aatgacatta	240
acactattct	caccagacct	cctgggggat	ccagacaact	ataccctagc	taacccctta	300
aacacccccac	cccacattaa	acccgaat				328

<210> 29

<211> 472

<212> DNA

<213> *Cervus nippon centralis*

<400> 29

taccatgagg	acaaatatca	ttctgaggag	caacagtcac	taccaacctc	ctctcagcaa	60
ttccatatat	tggcacaaac	ctagtgcgaat	ggatctgagg	gggctttctca	gtagataaaag	120
caaccctaac	ccgatttttc	gctttccact	ttattcttcc	atztatcatc	gcagcacttg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actacaccat	taaagatatc	ttaggcacatc	300
tacttctagt	actcttccta	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
acttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 30

<211> 472

<212> DNA

<213> Cervus nippon yesoensis

<400> 30

taccatgagg	acaaatatca	ttctgaggag	caacagtcac	taccaacctc	ctctcagcaa	60
ttccatatat	tggcacaaac	ctagtgcgaat	ggatctgagg	gggctttctca	gtagataaaag	120
caaccctaac	ccgatttttc	gctttccact	ttattcttcc	atztatcatc	gcagcacttg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actacaccat	taaagatatc	ttaggcacatc	300
tacttctagt	actcttccta	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
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<210> 31

<211> 472

<212> DNA

<213> Cervus nippon keramae

<400> 31

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ttccatacat	tggcaciaac	ctagtctgaat	ggatctgagg	aggcttttca	gtagataaag	120
caaccctaac	ccgatttttc	gccttccact	ttattcttcc	atttatcatc	acagcactcg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actataccat	taaagatatc	ctaggcatct	300
tacttctagt	actcttctcg	atattactag	tattattcgc	accagacctg	cttgagatc	360
cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
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<210> 32

<211> 472

<212> DNA

<213> Cervus nippon pulchellus

<400> 32

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ttccatacat	tggcaciaac	ctagtctgaat	ggatctgagg	aggcttttca	gtagataaag	120
caaccctaac	ccgatttttc	gccttccact	ttattcttcc	atttatcatc	acagcactcg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actataccat	taaagatatc	ctaggcatct	300
tacttctagt	actcttctcg	atattactag	tattattcgc	accagacctg	cttgagatc	360
cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 33

<211> 472

<212> DNA

<213> Cervus nippon nippon

<400> 33

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ttccatacat	tggcaciaac	ctagtctgaat	ggatctgagg	aggcttttca	gtagataaag	120
caaccctaac	ccgatttttc	gccttccact	ttattcttcc	atttatcatc	acagcactcg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240

cggaacgcaga	caaaatcccc	ttccatcctt	actataccat	taaagatatc	ctaggcatct	300
tacttctagt	actcttcttg	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
atttcttatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 34

<211> 472

<212> DNA

<213> Cervus elaphus scoticus

<400> 34

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ttccatata	tgggacaaac	ctagtctgaat	ggatctgagg	aggcttttca	gtagacaaaag	120
caaccctaac	ccgatttttc	gctttccact	ttattctccc	atttatcatc	gcagcactcg	180
ctatagtaca	cttactcttc	cttcacgaaa	caggatctaa	taaccaaca	ggaattccat	240
cagacgcaga	caaaatcccc	tttcatcctt	attataccat	taaagatatc	ttaggcacat	300
tacttcttgt	actcttctta	atattactag	tattattcgc	accagacctc	cttggagatc	360
cagataacta	caccccagca	aaccactca	acacaccccc	tcatattaaa	cctgaatgat	420
atttcttatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 35

<211> 472

<212> DNA

<213> Cervus dama

<400> 35

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teccatacat	tgggtacaaac	ctagttgaat	gaatctgagg	aggcttttca	gtagacaaaag	120
caaccttaac	tcgattcttc	gctttccact	ttattctacc	attcatcatt	gcggcacttg	180
ctatagtaca	tttactcttt	cttcacgaga	caggatccaa	taaccaaca	ggaatcccat	240
cagatgtaga	taaaattccc	tttcatccct	actacaccat	taaagatatt	ttaggcaccc	300
tattcctatt	tctcttctta	ataacactag	tactatttgc	accagacttg	cttggagacc	360
cagacaaata	cactccagca	aatccactca	acacacctcc	tcatattaaa	cccgaatgat	420
acttcttatt	tgcatacgca	atcctacgat	caattcccaa	taaattagga	gg	472

<210> 36

<211> 472

<212> DNA

<213> Rangifer tarandus

<400> 36

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ttccatatat	tggtacaaat	ctagtcgaat	gaatttgagg	aggattttct	gtagataaag	120
caaccctaac	ccgatttttt	gcttttcaact	ttattcttcc	atttattatc	gcagcactcg	180
ctatagtcca	tttgcttttc	cttcacgaaa	caggggtctaa	caatccaaca	ggaattccat	240
cagactcaga	taaaattcca	ttccatccct	attatactat	caaagacatt	ctaggcatcc	300
tactccta	tctcttcctt	atactactag	tattatttgc	accagactta	ctaggagacc	360
cagacaacta	tacccagca	aaccactca	acactcccc	tcatattaaa	cctgaatgat	420
actttctatt	cgcatacgca	atcctacgat	caattccaaa	taaactagga	gg	472

<210> 37

<211> 472

<212> DNA

<213> Moschus fuscus

<400> 37

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ttccatacat	tggtactaat	ctgggttgaat	gaatttgagg	aggcttctca	gtagacaaag	120
caacactcac	tcgattcttt	gcctttcaact	tcattctccc	atttatcatc	gcagcactcg	180
ctatgggttca	cctactcttt	ctccacgaaa	caggatccaa	caacccaaca	ggaatcacat	240
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tattactaat	cttagtctta	ataacactag	tactattcac	acctgattta	cttggagacc	360
cggacaatta	tacccagca	aaccattaa	atacgcctcc	acatattaaa	cccgaatgat	420
atttcctatt	tgcatatgcc	attctacgat	caattcccaa	caaactagga	gg	472

<210> 38

<211> 472

<212> DNA

<213> Moschus leucogaster

<400> 38

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caacactcac	ccgattcttt	gccttccact	tcattctccc	atttatcatc	gcagcactcg	180
ctatgggttca	cctactcttt	ctccacgaaa	caggatccaa	caacccaaca	ggaatcacat	240
cagatataga	caaaatccca	ttccaccct	actacaccat	caaagacatt	ctagggtgtcc	300
tattactaat	cttagtctta	ataacactag	tactattcac	acctgattta	cttggagacc	360
cggacaatta	tacccagca	aaccattaa	atacgcctcc	acatattaaa	cccgaatgat	420
atttcctatt	tgcatatgcc	attctacgat	caattcccaa	caaactagga	gg	472

<210> 39

<211> 472

<212> DNA

<213> Moschus chrysogaster

<400> 39

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ttccatacat	tggactaac	ctgggtgaat	gaatttgagg	aggtttctca	gtagacaaag	120
caacactcac	tcgattcttt	gccttccact	tcattctccc	atttatcatc	gcagcactcg	180
ctatggttca	cctactcttt	ctccacgaaa	caggatccaa	caacccaaca	ggaatcacat	240
cagacataga	caaaatccca	ttccaccct	actacacat	caaagacatt	ctaggtgtcc	300
tattactaat	cctagtctta	ataacactag	tactattcac	acctgattta	cttggagacc	360
cggacaatta	taccccgga	aaccattaa	atacgcccc	acatattaaa	cccgaatgat	420
acttcctatt	tgcatatgcc	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 40

<211> 472

<212> DNA

<213> Moschus berezovskii

<400> 40

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ttccttacat	tggactaat	ctgggtgaat	gaatctgagg	aggcttctca	gtagacaaag	120
caacactcac	ccgattcttt	gccttccact	tcattctccc	atttatcatc	gcagcactcg	180
ctatggttca	cctactcttt	ctccacgaaa	caggatccaa	caacccaaca	ggaatcatat	240
cagacataga	caaaatccca	ttccaccct	actacactat	caaagacatt	ctaggtgtcc	300
taataactaat	cttagtctta	atagtactag	tactattcac	acccgattta	cttggagacc	360
cggacaatta	taccccgga	aaccattaa	acacaccacc	acatattaaa	cccgaatgat	420
acttcctatt	tgcatatgcc	attctacgat	caattcccaa	caaactagga	gg	472

<210> 41

<211> 472

<212> DNA

<213> Moschus moschiferus

<400> 41

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ttccctacat	tggactaac	ctgggtgagt	gaatttgagg	aggcttctca	gtagacaaag	120
caacactcac	ccgattcttt	gcctttccact	ttatctctcc	atttatcatt	gcagcactcg	180
ccatggttca	tctactcttt	ctccatgaaa	caggatccaa	taacccaaca	ggaatcacat	240
cagacataga	caaaatccca	tttcaccct	actacacat	caaagatatt	ctaggtatcc	300
tattactaat	cttaattctta	atagcaactag	tgtatattac	acccgacctt	cttggagatc	360
cggacaacta	tactccagca	aaccattaa	atacacctcc	acatattaaa	cccgaatggt	420
actttctatt	tgcatatgcc	attctacgat	caattcctaa	taaactagga	gg	472

<210> 42

<211> 472

<212> DNA

<213> *Kobus ellipsiprymnus*

<400> 42

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ttccatacat	tggcacaaac	ctagtcgaat	gaatctgagg	aggattttca	gtagataagg	120
caacccttac	ccgcttcttc	gccttccact	ttattctccc	atztatcatc	gcggctatta	180
ccatagtcca	tcttctgttt	ctccatgaaa	caggatccaa	taatcccaca	ggaatctcat	240
cagacataga	taaaatccca	ttccacccct	actacaccat	caaagacatt	ctaggcgccc	300
tactactaat	cctagtccta	atactcctag	ttctattcgc	ccccgaccta	cttgagagac	360
ctgacaacta	tgccccagca	aaccaccta	acacgcccct	cacaattaaa	cctgaatgat	420
acttcttatt	cgcatacgca	attctacgat	caatcccaa	caaactagga	gg	472

<210> 43

<211> 472

<212> DNA

<213> *Kobus megaceros*

<400> 43

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tcccatatat	cggcacaaac	ctagtcgaat	gaatctgagg	aggattctca	gtagacaaag	120
caacccttac	ccgcttcttc	gccttccact	ttatcctccc	atztatcatc	gcagctatcg	180
ctatagttca	cctactattc	cttcatgaaa	caggatctaa	caaccctaca	gggatttcat	240
cagacacaga	caaaatccca	ttccacccat	attataccat	caaagatatt	ctaggtgccc	300
tcctattaat	cctaatacta	atactcctag	tactatttgc	ccccgaccta	cttgagagacc	360
ctgacaatta	taccccagca	aaccaccta	atacacctcc	ccatattaaa	cccgaatgat	420
atttcttatt	cgcatacgca	attttacggt	caattcctaa	taaactggga	gg	472

<210> 44

<211> 472

<212> DNA

<213> *Redunca arundinum*

<400> 44

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tcccatatat	cggcacaaac	ctagtcgaat	gaatctgagg	aggattctca	gtcgataaag	120
caacccttac	ccgattcttc	gccttccact	ttatcctccc	attcattatc	acagccctcg	180

ctatagtaca	cctactattc	ctccacgaaa	caggatccaa	caaccctaca	ggaatctcat	240
cagatgtaga	caaaatccca	tttcatccat	actatactat	caaggacgtc	ctaggcgccc	300
tactgcta	cctagtccca	atgctcttag	tattattcac	ccctgaccta	ctcggagatc	360
cggacaatta	tactccagca	aatccactca	acacaccccc	tcatattaaa	cccgaatgat	420
acttcttatt	tgcatatgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 45

<211> 472

<212> DNA

<213> Redunca fulvorufula

<220>

<221> n

<222> 269;431

<223> unknown base

<400> 45

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caaccctcac	tcgattcttc	gccttccact	ttatctctcc	atztatcatc	atagccctcg	180
ctatagtcca	cctactattc	ctccatgaaa	caggatccaa	caacccccaca	ggggtttcat	240
cagayatgga	caaaatccca	ttccaccnt	actacacat	caaagayatt	ctagggtgccc	300
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cggacaatta	caccccagca	aaccctctca	acacaccccc	tcacatcaaa	ccagaatggt	420
acttcttatt	ngcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 46

<211> 472

<212> DNA

<213> Neotragus moschatus

<400> 46

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caaccctcac	ccgatttttt	gccttccact	tcattctccc	atztatcatc	gcagcactcg	180
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cagacaacta	caccccgcga	aaccctctta	acacgcctcc	ccatatcaaa	cccgaatgat	420
actttttatt	cgcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 47

<211> 472

<212> DNA

<213> *Pelea capreolus*

<400> 47

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caaccctcac	cggatttttt	gctttccact	ttattctccc	atttatcatt	gcagccctca	180
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ccgacataga	caaaattcca	ttccacccat	actacacccat	taaagatatt	ctaggcgctt	300
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ctgacaatta	cacccctgca	aacccgctca	acacaccccc	tcatatcaaa	cccgaatgat	420
atttcctatt	tgcatatgcy	attctacgat	caattcccaa	caaactagga	gg	472

<210> 48

<211> 472

<212> DNA

<213> *Antilope cervicapra*

<400> 48

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tcccatacat	cgtacaaac	ctagtagaat	gaatctgagg	agggttctca	gtagataaag	120
caacccttac	cggatttttc	gccttccact	ttatcctccc	atttatcatt	gcagccctta	180
ccatagtaca	cctactgttt	ctccacgaaa	caggatccaa	caacccacac	ggaatctcat	240
cagacgcaga	caaaattcca	ttccacccct	actacactat	caaagatatc	ctaggagctc	300
tactattaat	tttaaccctc	atgcttctag	tcctattctc	accggacctg	cttggagacc	360
cagacaacta	tacaccagca	aacccactta	atacaccccc	acatatcaag	cccgaatgat	420
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<210> 49

<211> 472

<212> DNA

<213> *Saiga tatarica*

<400> 49

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caaccctcac	cggattcttc	gccttccact	tcctcctccc	atttattatc	gcagctctcg	180
ctatagtcca	cctacttttt	cttcacgaaa	caggatctaa	caacccacac	ggaatcccat	240

cagattcaga	caaaatccca	ttccaccct	actacaccat	taaagacatt	ctaggcgccc	300
tactacttat	tctaatectc	atacttctag	tcctattttc	accagacctg	cttggagacc	360
cagacaacta	cacrcagca	aaccactta	acacaccccc	acatattaaa	cccgaatgat	420
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<210> 50

<211> 472

<212> DNA

<213> Gazella dama

<400> 50

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caacactcac	ccgattcttt	gccttccatt	tcattctccc	attcatcatt	gcagcccttg	180
ccatagttca	tctattatct	cttcacgaaa	caggatccaa	caaccccaca	ggaatttcat	240
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cagacaacta	cacaccagca	aatccactca	atacaccccc	acatattaa	cctgagcgat	420
atttcctatt	tgcatacgca	attctccgat	caattcctaa	taaactagga	gg	472

<210> 51

<211> 472

<212> DNA

<213> Ourebia ourebi

<400> 51

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caactctaac	ccgattcttt	gccttccact	tcattctccc	attcatcatt	gcagcccttg	180
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cagacaacta	tacaccagca	aaccactaa	atacaccccc	acatattaaa	cctgagtggg	420
atttcctatt	cgcatacgca	attctccgat	cgattcccaa	caaactagga	gg	472

<210> 52

<211> 472

<212> DNA

<213> Gazella gazella

<400> 52

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caacactcac	ccgattcttt	gcttttctact	ttatctctcc	attcatcatt	gcagccctcg	180
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cagacaacta	tacaccagca	aatccactca	acacaccccc	acacatcaaa	cctgaatggt	420
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<210> 53

<211> 472

<212> DNA

<213> *Raphicerus melanotis*

<400> 53

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caaccctcac	ccgattcttc	gcttttctact	tcagttctcc	atttatcatc	gcagccctag	180
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tcctattaat	cctaaccctt	atgcttctag	ttctattcgc	accagacctc	ctcggagacc	360
cagacaacta	tacaccagca	aaccactca	acacaccccc	acatatcaaa	cccgaatggt	420
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<210> 54

<211> 472

<212> DNA

<213> *Madoqua kirkii*

<400> 54

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caaccctcac	ccgattcttc	gccttccatt	ttattctccc	attcattatt	gcagccctag	180
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cagacaacta	cacaccagca	aatcccccta	acacgcccc	acacattaaa	cctgaatgat	420
atttcctatt	cgcatatgca	atcctccgat	caatccctaa	caaactaggg	gg	472

<210> 55

<211> 472

<212> DNA

<213> *Antilocapra americana*

<400> 55

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caaccctcac	cggattcttc	gcattccact	ttatcctccc	attcatcatt	gcagcactag	180
ccatagtaca	cttactattc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
cagacgcaga	caaaatccca	ttccacccat	actacaccat	caaagacatt	ctaggagcac	300
tactaataat	cttagcccta	ataatactag	tactattctc	accagacctg	ttaggagacc	360
cgcacaacta	cacaccagct	aaccctactca	acactccccc	acacattaag	ccagaatgat	420
atttcctatt	cgcatacgca	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 56

<211> 472

<212> DNA

<213> *Tragulus javanicus*

<400> 56

taccctgagg	acagatatct	ttctgaggag	ccacagtc	caccaacctc	ttatcagcta	60
tcccatacat	tggcacagac	ttggtcgaat	gaatctgagg	tggtttttca	gtagacaaag	120
caacccttac	acgattcttt	gccttccact	ttatccttcc	atttatcatt	acagccctag	180
tccatgtcca	cctttttattt	ctccacgaaa	caggatctaa	taaccccaca	ggaatcccct	240
cagacgcaga	caaaatcccc	ttccacccat	actacactat	taaagacatt	ctaggggttc	300
tagccctatt	tctagcccta	atactactag	tcctattctc	acccgacctc	cttgggagacc	360
cagataacta	cacccccgcc	aacccccctta	acacaccacc	ccatatcaaa	cccgaatgat	420
atttcttatt	tgcatacgca	attcttcggg	caatccccaa	taaactagga	gg	472

<210> 57

<211> 472

<212> DNA

<213> *Tragulus napu*

<400> 57

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caacccttac	acgatttttt	gccttccact	tcctcctccc	atttgtcatt	acagccctag	180
ccctagtcca	tctttttattt	ctccacgaga	caggatcaaa	taaccccaca	ggaatcccct	240
cagacgcaga	caagatcccc	ttccacccat	actacaccat	caaagatgtc	ctaggggttc	300
tagtccta	actagtcctt	ctattactag	tcctattttc	acccggacttg	ttgggagacc	360
cgcacaatta	cactccggca	aacccccctca	acacaccacc	tcatatattaag	ccagagtggg	420
atttcctatt	cgcatacgca	atcctacgat	caatccccaa	taaattagga	gg	472

<210> 58

<211> 472

<212> DNA

<213> *Balaenoptera acutorostrata*

<400> 58

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caacattaac	acgttttttt	gccttccact	tcattcctccc	ttttattatc	ctagcattag	180
caattgtcca	cctcattttc	ctccacgaaa	caggatccaa	taaccccaca	ggtatcccat	240
ctgacataga	caaaatccca	ttccaccctt	actacacaat	caaagacatt	ctaggcgccc	300
tactactaat	tctaacccta	ctagcactaa	ccctattcgc	accggacctg	cttggagacc	360
ccgacaacta	taccccagca	aaccactca	gtaccccagc	acacattaaa	ccagaatgat	420
acttcctatt	cgcatacgca	atcctacgat	caatccctaa	taaactaggc	gg	472

<210> 59

<211> 472

<212> DNA

<213> *Balaenoptera bonaerensis*

<400> 59

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caacattaac	acgttttttt	gccttccact	tcattcctccc	tttcattatc	ctagcattag	180
caattgtcca	cctcattttc	ctccgcgaaa	caggatccaa	taaccccaca	ggtattccat	240
ctgatataga	caaaatccca	ttccaccctt	attacacaat	caaagacatt	ctaggcgccc	300
tactactaat	tctaacccta	ctaactactaa	ccctattcgc	accggacctg	ctcggagacc	360
ccgacaacta	caccccagca	aaccactca	gtaccccagc	acacattaaa	ccagaatgat	420
attttctatt	cgcatacgca	atcctacgat	caatccccaa	taaactaggc	gg	472

<210> 60

<211> 472

<212> DNA

<213> *Balaenoptera borealis*

<400> 60

taccctgagg	acaaatatca	ttttgaggcg	caaccgtcat	caccaacctc	ttatcagcaa	60
tcccatacat	tggactacc	ctagtcgaat	ggatctgagg	cggtttctct	gtagataaag	120
caacactaac	acgctttttt	gccttccact	tcattctccc	cttcattatt	ctagcactag	180
caatggtcca	cctcattttc	ctccatgaaa	caggatccaa	caacccca	ggtattccat	240
ccgacataga	caaaatccca	ttccaccctt	actacacagt	taaagacatt	ctaggcgccc	300
tactactaat	cctaacccta	ctaatactaa	ccctattcgc	acccgacctg	cttggagacc	360
cagacaacta	cacccagca	aatccactca	gtacccagc	acacatta	ccagaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccca	caaattaggc	gg	472

<210> 61

<211> 472

<212> DNA

<213> *Balaenoptera edeni*

<400> 60

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tcccatacat	tggactacc	ctagtcgaat	gaatctgggg	cggtttctct	gtagataaag	120
caacactaac	acgctttttt	gccttccact	ttatcctccc	cttcattatt	ctagcactag	180
caatggtcca	cctcattttc	ctccacgaaa	caggatccaa	taacccca	ggtattccat	240
ccaacataga	caaaatccca	ttccaccctt	attacacaac	taaagacatt	ctaggcgccc	300
tactactaat	cctaacccta	ctaattgctaa	ccctattcgt	acccgacctc	cttggagacc	360
cagacaacta	cactccagca	aatccactca	gtaccccaac	acacatta	ccagaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattccca	caaattaggc	gg	472

<210> 62

<211> 472

<212> DNA

<213> *Eschrichtius robustus*

<400> 62

taccctgagg	acaaatatca	ttctgaggcg	caaccgttat	caccaacctc	ctatcagcaa	60
tcccatacat	tggcactacc	ctagtcgaat	gggtctgagg	cggtttttct	gtagataaag	120
caacactaac	acgcttcttt	gccttccact	tcattccttc	attcattatc	ctagcactag	180
caattgtcca	cctcattttc	ctccacgaaa	cgggatccaa	caacccca	ggcattccat	240

ccaacataga caatatccca ttccaccctt attacacaat taaagacata ctaggcgccc	300
tgctactaat cctaacccta ctaatactaa ccctattcgc acccgacctg ctccggagacc	360
cagacaacta taccacagca aaccactca gcaccccaac acatattaaa ccagagtgat	420
atttcctatt tgcatacgca atcctacgat cgatcccaaa caaattaggc gg	472

<210> 63

<211> 472

<212> DNA

<213> Balaenoptera musculus

<400> 63

tgccctgagg acaaatatca ttctgaggcg caaccgtcat caccaacctc ctatcagcaa	60
tcccatacat tggtagtacc ctagtogaat gaatctgagg cgggtttttct gtggataaag	120
caacactaac acgcttcttt gccttccact tcattctccc cttcatcatt atagcattag	180
caatcgtcca cctcatcttc cttcacgaaa caggatccaa caaccccaaca ggtatcccat	240
ctgacataga taaaattcca ttccaccctt actacacaat taaagacatt ctaggcgccc	300
tactactaat cctaacccta ctaatatata ctctatttgc acccgactta ctccggagacc	360
cagacaacta caccacagca aaccactca gtacccacgc acacattaaa ccagagtgat	420
atttcctatt tgcatacgca atcctacgat caatcccaaa caaattaggc gg	472

<210> 64

<211> 472

<212> DNA

<213> Megaptera novaeangliae

<400> 64

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tcccatacat tggtagtacc ctagtogaat gaatctgggg cgggtttttcc gtagacaaaag	120
caacactaac acgtttcttt gctttccact tcattctccc cttcatcatt acagcattag	180
caatcgtcca cctcattttc ctccacgaaa caggatccaa caaccccaaca ggcattcccat	240
ccaacataga caaaatccca ttccaccctt actacacaat caaagacact ctaggcgccc	300
tattactaat cctaacccta ctaatgttaa ccctattcgc acctgacctg cttggagacc	360
cagataacta caccacagca aaccactca gtacccacgc acacattaaa ccagagtgat	420
atttcctatt tgcatacgca atcctacgat caatcccaaa caaactaggc gg	472

<210> 65

<211> 472

<212> DNA

<213> Balaenoptera physalus

<400> 65

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tcccatacat	tggtaccacc	ctagtccaat	gaatctgagg	cggtttctct	gtagataaag	120
caacactaac	acgctttttt	gcctttcact	ttatcctccc	cttcatcatc	ctagcattag	180
caattgtcca	ccttattttt	cttcacgaaa	caggatccaa	caaccccaca	ggcatcccat	240
ccgacataga	taaaatccca	ttccacccct	accacacaat	taaagacatt	ctaggtgccc	300
tattactaat	cctaataccta	ctaatactaa	ccctattcgc	acccgaccta	cttggagacc	360
cagacaacta	taccccagca	aacccactca	gtaccccagc	acacattaaa	ccagaatggt	420
attttctatt	cgcatacgca	atcctacgat	caatccccaa	caaactaggc	gg	472

<210> 66

<211> 472

<212> DNA

<213> *Caperea marginata*

<400> 66

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tcccatacat	tggtaccacc	ctagttgaat	gaatctgggg	tggtttctcc	gtagacaaag	120
cgacactaac	tcgcttcttt	gctttccact	tcatectccc	tttcattatt	ctagcgctag	180
cagctgttca	tctccttttc	ctccacgaaa	caggatctaa	caaccccaca	ggcatcccat	240
ccaacataga	caaaattcca	ttccacccct	actacacaat	taaagacatc	ctgggcgtcc	300
tactactaat	cctgacccta	ctaatactaa	ccttattttac	acctgacctg	cttggagacc	360
ctgacaacta	caccccagca	aatccctcca	gcaccccagc	acacatcaag	ccagaatgat	420
acttcttatt	tgcatacgca	atcctacgat	caattcctaa	taaattaggt	gg	472

<210> 67

<211> 472

<212> DNA

<213> *Cephalorhynchus commersonii*

<400> 67

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tcccctacat	cggctactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgctttttt	gcctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccacccct	attacacaat	taaagacatc	ctaggcgctt	300
tattccta	cctaacccta	ctagcattaa	ccctattttgc	ccccgaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagagtgat	420
acttcttatt	cgcatatgca	atcctacgat	caattcccaa	taaacttgga	gg	472

<210> 68

<211> 472

<212> DNA

<213> Cephalorhynchus eutropia

<400> 68

taccctgggg	acagatatca	ttttgaggtg	caacagtcac	caccaacctc	ctatcagcaa	60
tcccctacat	cggactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	cctaacccta	ctagcactaa	ccctattcgc	ccctgaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcataatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 69

<211> 472

<212> DNA

<213> Lagenorhynchus obliquidens

<400> 69

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tcccctacat	cggactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	tctaacccta	ctagcactaa	ccctattcac	ccctgaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatggt	420
acttcctatt	cgcataatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 70

<211> 472

<212> DNA

<213> Cephalorhynchus heavisidii

<400> 70

taccctgagg	acaaatatca	ttttgaggcg	caacagtcac	caccaacctc	ctatcagcaa	60
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caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	tctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	tctagcccta	ctagcactaa	ccctattcgc	ccctgaccta	ctgggagacc	360

ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatatgca	atcctacgat	caatccctaa	taaacttgga	gg	472

<210> 71

<211> 472

<212> DNA

<213> cephalorhynchus hectori

<400> 71

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ccccctacat	cggcactacc	ttagtagaat	gaatctgagg	aggattttcc	gtagacaaag	120
caacactaac	acgctttttc	gcctttcact	ttatcctccc	attcatcatc	acagcattaa	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaattccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ttaggcgctt	300
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ctgataacta	taccccagca	aatccattaa	acacccccgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 72

<211> 472

<212> DNA

<213> Lagenorhynchus australis

<400> 72

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caacactaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	cttactattc	ttacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	actacacaac	taaagacatc	ctaggcgctt	300
tattcctaata	tctagcccta	ctagcactaa	ccctattcac	ccctgaccta	ctaggagacc	360
ctgacaacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatatgca	atcctacgat	caattcctaa	taaactcgga	gg	472

<210> 73

<211> 472

<212> DNA

<213> Lagenorhynchus cruciger

<400> 73

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tcccctacat	cgggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaaag	120
caacactaac	acgctttttc	gctttccact	tcatcctccc	attcatcatc	acagcattag	180
cagcgcgtcca	cctgctattc	ctacacgaaa	caggatccaa	caacccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	actacacaat	taaagacatc	ctaggcgctt	300
tattccta	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat		360
ctgacaacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgca	atcctacgat	caattcctaa	taaactcgga	gg	472

<210> 74

<211> 472

<212> DNA

<213> *Lagenorhynchus obscurus*

<400> 74

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tcccctacat	tggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaaag	120
caacactaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctagggtgctt	300
tattccta	tctagcccta	ctaactactaa	ccttattcac	ccccgaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 75

<211> 472

<212> DNA

<213> *Lissodelphis borealis*

<400> 75

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tcccctacat	cgggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaaag	120
caacactaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctgggcgctt	300
tattctta	tctggcccta	ctagcactaa	ccctattcac	ccctgaccta	ttaggagacc	360
ctgataacta	caccccagca	aatccattaa	gcacccctgc	acacatcaaa	ccagaatggt	420
atttcctatt	tgcatacgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 76

<211> 472

<212> DNA

<213> *Lissodelphis peronii*

<400> 76

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caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagctgttca	cctactgttc	ctacacgaga	caggatccaa	taaccccaca	ggaattccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctgggcgctt	300
tattcttaat	tctgacccta	ctagcactaa	ccctatttac	ccctgacctg	ttaggagatc	360
ctgataacta	caccccagca	aatccattaa	gcacccctgc	acacatcaaa	ccagaatggt	420
actttctatt	cgcatacgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 77

<211> 472

<212> DNA

<213> *Globicephala macrorhynchus*

<400> 77

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tcccctacat	cggcaccacc	ttagtagaat	gaatctgagg	tggattttcc	gtagacaaaag	120
caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataattcca	ttccaccctt	attatacaat	taaagacatc	ctaggcgccc	300
tactcttaat	cctagcacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	tactccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgca	atcctacgat	caattcccaa	taaacttgga	gg	472

<210> 78

<211> 472

<212> DNA

<213> *Globicephala melas*

<400> 78

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caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acaacattag	180
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ccaacataga	cataattcca	ttccaccctt	attatacaat	taaagatatc	ctaggcgccc	300
tactcttaat	cctagcacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	tactccagca	aacccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 79

<211> 472

<212> DNA

<213> *Feresia attenuata*

<400> 79

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caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataattcca	ttccacccct	attatacaac	taaagatatc	ctaggtgccc	300
tactcttaat	tctaacatta	ctaactacta	ccctgttcac	ccctgaccta	ctaggagacc	360
ctgataacta	tactccagca	aacccactaa	gcacccctgc	acacatcaaa	ccagagtgat	420
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<210> 80

<211> 472

<212> DNA

<213> *Peponocephala electra*

<400> 80

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caacactaac	acgttttttc	gctttccact	tcatacctccc	attcatcatc	acagcattgg	180
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ccaacataga	cataattcca	ttccacccct	attatacaat	taaagacatc	ctaggcgctc	300
tactcttaat	cttagcacta	ctaactacta	ccctattcac	ccctgaccta	ctaggagacc	360
ctaacaacta	taccccagca	aacccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 81

<211> 472

<212> DNA

<213> *Grampus griseus*

<400> 81

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caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga cataattcca ttccaccctt attacacaat taaagacatc ctaggcgccc	300
tactcctaata cctaacta ctaactaa ccctattcac ccctgaccta ctaggagacc	360
ctgataacta cactccagca aaccgctaa gcacccctgc acacatcaaa ccagaatgat	420
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<210> 82

<211> 472

<212> DNA

<213> *Pseudorca crassidens*

<400> 82

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caacactaac acgttttttc actctccact ttatcctccc attcatcatt acagcactaa	180
cagctaccca cctactattc ctacacgaga ctggatccaa taacccacaca ggaatcccat	240
ccaacataga cataattcca ttccaccctt attacacaat taaagatatc ctaggcgccc	300
tactcttaata tctaacta ctaactaa ccctattcac ccccgaccta ctaggagacc	360
ctgataacta tattccagca aaccactaa acacccctgc acacatcaaa ccagaatgat	420
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<210> 83

<211> 472

<212> DNA

<213> *Lagenorhynchus acutus*

<400> 83

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caacactgac acgttttttc gccttcatt tcctcctccc attcataatt acagcattag	180
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tactcttaata tctaacccta ctacactaa ccctattcac ccctgaccta ctaggagacc	360
ctgataacta cactccagca aatccactaa gcacccctgc acacatcaaa ccagaatgat	420
atttcctatt cgcataatgca atcctacgat caattcccaa caaacttgga gg	472

<210> 84

<211> 472

<212> DNA

<213> *Orcinus orca*

<400> 84

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caacactaac	acgtttcttt	gccttccact	ttatcctccc	attcatcatc	acagcattaa	180
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ccaacataga	tataatccca	ttccaccctt	atcacacaat	taaagatacc	ctaggcgccc	300
tactcttaat	cctaaccctg	ctagcactaa	ccttattcgc	ccctgaccta	ctaggagacc	360
ctgacaacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 85

<211> 472

<212> DNA

<213> Orcaella brevirostris

<400> 85

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caacactaac	acgttttttc	gccttccact	ttatcctccc	attcatcatc	acagcactag	180
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ccaacataga	cataatccca	ttccaccctt	atcatacatt	taaagacatc	ctaggcgccc	300
tactcttaat	cttagtccta	ctaactactaa	ccctgttcac	ccccgaccta	ctaggagacc	360
ctgataacta	tactccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatacgcg	atcctacgat	caattcctaa	taaactcgga	gg	472

<210> 86

<211> 472

<212> DNA

<213> Delphinus capensis

<400> 86

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caacattaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagatata	ctagggtgct	300
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ctgataacta	taccccagca	aatccactaa	gcacccctgc	acatatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcctacgat	caatccctaa	taaacttgga	gg	472

<210> 87

<211> 472

<212> DNA

<213> Delphinus tropicalis

<400> 87

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caacattaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attatacaat	caaagatatc	ctaggtgccc	300
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ctgataacta	taccccagca	aatccactaa	gcaccctgc	acatatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 88

<211> 472

<212> DNA

<213> Delphinus delphis

<400> 88

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caacattaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcactag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagatatc	ctaggtgcct	300
tactccta	cttaacccta	ctagcactaa	ccctattcac	tcccgcaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
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<210> 89

<211> 472

<212> DNA

<213> Stenella clymene

<400> 89

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caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaattcccat	240
ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagatatc	ctaggtgcct	300
tactccta	cttaacccta	ctagcactaa	ccctattcac	ccccgcaccta	ctaggagacc	360
ctgacaacta	taccccagca	aatccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
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<210> 90

<211> 472

<212> DNA

<213> *Stenella coeruleoalba*

<400> 90

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caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcattatc	acagcattag	180
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tactccta	cttaacccta	ctagcactaa	ccctattcac	ccccgaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
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<210> 91

<211> 472

<212> DNA

<213> *Tursiops aduncus*

<400> 91

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caacactaac	acgctttttc	gctttccact	ttatcctccc	gttcgtcatc	acagcattag	180
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ccaatataga	cataatccca	tttcaccctt	attatacaat	caaagacatc	ctaggtgcct	300
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ctgataacta	tatcccagca	aatccactaa	gtacccccgc	acacatcaaa	ccagagtgat	420
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<210> 92

<211> 472

<212> DNA

<213> *Stenella frontalis*

<400> 92

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caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcattatc	acagcattag	180
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ccaatataga cataatocca ttccaccctt attatacaat caaagacatc ctaggcgcct	300
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ctgacaatta taccocagca aatccactaa gcacccctgc acacatcaaa ccagaatgat	420
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<210> 93

<211> 472

<212> DNA

<213> *Sousa chinensis*

<400>93

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ccgataacta taccocagca aatccactaa gcacccctgc acacatcaaa ccagaatgat	420
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<210> 94

<211> 472

<212> DNA

<213> *Stenella longirostris*

<400> 94

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atttcttatt cgcatacgca atcttacgat caatccctaa taaacttgga gg	472

<210> 95

<211> 472

<212> DNA

<213> *Tursiops truncatus*

<400> 95

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ctgataacta	caccccagca	aaccactaa	gcaccctgc	acacatcaaa	ccagaatgat	420
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<210> 96

<211> 472

<212> DNA

<213> *Lagenorhynchus alborostris*

<400> 96

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<210> 97

<211> 472

<212> DNA

<213> *Steno bredanensis*

<400> 97

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<210> 98

<211> 472

<212> DNA

<213> *Sotalia fluviatilis*

<400> 98

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<210> 99

<211> 472

<212> DNA

<213> *Delphinapterus leucas*

<400> 99

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<210> 100

<211> 472

<212> DNA

<213> *Monodon monoceros*

<400> 100

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<210> 101

<211> 472

<212> DNA

<213> Platanista gangetica

<400> 101

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caacactaac	acgattcttt	gcctttcact	tcctcctccc	tttcatcatc	ctaactactag	180
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<210> 102

<211> 472

<212> DNA

<213> Platanista minor

<400> 102

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caacactaac	acgattcttt	gcctttcact	tcctcctccc	tttcatcatc	ctaactactag	180
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ccaacactga	caaaatccct	ttccacccct	actacacaat	caaagacacc	ctaggcgccc	300
tcctccta	cctaacctca	ctcacattaa	ccttattttac	acctgacctc	ctaggagacc	360
ccgataacta	caccccagca	aacccgctta	ataccccagc	acatatcaaa	ccagagtgat	420
atttcctatt	tgcatacgca	atcttacggt	caatccccaa	taaactagga	gg	472

<210> 103

<211> 472

<212> DNA

<213> Kogia breviceps

<400> 103

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ttccttatat	cggcaccacc	ctagtagaat	gagtcgagg	tggcttctcc	gtagacaaag	120
ccacattaac	acgtttcttt	gcctttcact	tcctcctccc	ctttatcatc	ctagcactgg	180
caatggtcca	cctcttattt	ctccacgaaa	caggatccaa	caaccccata	ggaatcccat	240

ccgacataga	caaaatccca	ttccaccct	actacacaat	caaggacatc	ttaggcgccc	300
tactgcta	ctcagcgcta	cttacattaa	ccctattcgc	accagaccta	ttaggagacc	360
ctgacaacta	caccccagca	aaccactaa	gcaccccgcc	acacattaaa	ccagaatgat	420
atttcctatt	tgcatatgcc	atcctacgat	ccatccctaa	caaactaggg	gg	472

<210> 104

<211> 472

<212> DNA

<213> Kogia simus

<400> 104

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ctacgcta	acgcttcttt	gctttccact	ttattctccc	cttcatcatc	ctagcactag	180
caataatcca	cctcctat	ctccacgaaa	caggatccaa	caacccctta	ggaattcctt	240
ctgatataga	caaaatccca	ttccaccct	actacacaat	caaagatatc	ctaggcgccc	300
tactactaat	ctcagcacta	ctcacactga	ccctgttcgc	acctgatcta	ctaggagacc	360
ccgacaacta	taccccagca	aaccactaa	gcaccccgcc	acacattaaa	ccagaatgat	420
actttctatt	cgcatacgcc	attctacgat	caattcctaa	caaactggga	gg	472

<210> 105

<211> 472

<212> DNA

<213> Physeter catodon

<400> 105

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caacactgac	acgcttcttc	actctccact	tcatacctccc	ctttatcacc	ctaactactaa	180
caatagtaca	tctcctat	ctccatgaaa	caggatccaa	caacccacaca	ggaattccct	240
ccaacataga	caaaatccca	ttccaccct	accacacaat	caaagacacc	ataggtgccc	300
tactactaat	cctatcccta	cttactactaa	ccctgttcgc	acccgacctg	ctaggagatc	360
ctgacaacta	caccccagca	aatccactaa	ataccccaac	acacatcaaa	ccagaatggt	420
atttcctatt	cgcgtacgcc	atcctacgat	ctgtcccca	taaactagga	gg	472

<210> 106

<211> 472

<212> DNA

<213> Lipotes vexillifer

<400> 106

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caacattaac	cgcttcttc	gctctccatt	tcctccttcc	atctattatt	gtagcactaa	180
caaccgtcca	cttactatct	ctccatgaaa	caggatccaa	caacccaata	ggaattccat	240
ctaacaataga	caaaatccca	ttccaccctt	accacacaat	ttaaagatata	ctaggcgccc	300
ttctattaat	atttggttcta	ctcacactaa	ccttacttgc	accagaccta	ctcggagatc	360
ctgataatta	taccccgca	aaccactaa	acactccgc	acacatcaaa	ccagaatgat	420
atttcctctt	cgcatacgca	attctacgat	caattcccaa	taaattagga	gg	472

<210> 107

<211> 472

<212> DNA

<213> *Phocoena sinus*

<400> 107

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caacactaac	acgcttcttc	gccttccatt	ttatccttcc	atctatcatt	acagcactaa	180
taatcgtcca	tctactattc	ctccatgaaa	caggctccaa	caatcccaca	ggaatcccg	240
ctaacaataga	cataatcccc	ttccaccctt	actatacaat	caaagatata	ctaggcgccc	300
tactatcttat	tctaacttta	ctaacactaa	ccttattttt	acctgacctt	ctaggagacc	360
ccgataacta	cattccagca	aaccactaa	gcaccccgagc	acacattaaa	ccagaatgat	420
atttcctctt	cgcatacgca	atcctacgat	caatcccaaa	taaactagga	gg	472

<210> 108

<211> 472

<212> DNA

<213> *Berardius bairdii*

<400> 108

tgccttgagg	gcaaatatca	ttctgaggtg	caaccgtcat	caccaacctc	ctatccgcta	60
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ccacactaac	acgcttcttt	gccttccact	ttatcctccc	ttttatcatt	ctaaccctag	180
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ccaatataga	taaaattcca	ttccaccctt	actatacaat	caaagatata	ctaggagccc	300
tactactaat	cctagcccta	ctcacgctaa	ccctatttgc	acccgaccta	ctaggagagc	360
ccgacaacta	taccccgga	aaccgctca	gcaccccaac	acatattaag	ccagaatgat	420
acttctgtt	cgcatacgca	atcttacgat	cagtccttaa	taaactaggg	gg	472

<210> 109

<211> 472

<212> DNA

<213> *Ziphius cavirostris*

<400> 109

taccttgagg	acaaatatca	ttctgagg	caaccgtcat	cacaaacctc	ttatccgcta	60
tcccctatat	cggcactact	ctagtcgaat	gaatctgagg	tgggtttttca	gtagataaaag	120
ccacactaac	acgcttcttt	gccttccatt	tcatccttcc	atttattatt	ttagccctag	180
cagccgtcca	cttactat	ctccacgaaa	caggatctaa	taacccacaca	ggaatcccat	240
ccgatataga	caaaatccca	ttccaccctt	attacacaat	caaagacatc	ctaggagccc	300
tactattaat	cgttaattcta	ctcgcaactaa	ccctattcgc	acccgacctg	ctaggagacc	360
ccgataacta	taccccagca	aatccactca	gcaccccagc	acacattaag	ccagaatgat	420
acttcctatt	cgcatacgca	atcctacgat	caattcccaa	taaactagga	gg	472

<210> 110

<211> 472

<212> DNA

<213> *Mesoplodon europaeus*

<400> 110

ttccctgagg	acaaatatca	ttctgaggcg	caaccgttat	taccaacctc	ctatccgcca	60
tcccctatat	tggcactact	ctagtcgaat	gaatctgagg	tggctttttcc	gtagataaaag	120
ctacactaac	acgcttcttt	gctttccact	ttatccttcc	attcattatt	ctagccctaa	180
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ctgatataga	caaaatccca	ttccatcctt	actacacaat	caaagatatc	ctagggggctc	300
tactactaat	tctagcccta	ctcaccctaa	ccctattcgc	acccgacctg	ctaggagacc	360
ccgacaatta	caccccagca	aaccactta	atactccagc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatacgca	attctacgat	caattcccaa	caaactagga	gg	472

<210> 111

<211> 472

<212> DNA

<213> *Mesoplodon bidens*

<400> 111

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ttccctacat	cggcactacc	ctagttgaat	gaatctgagg	tggctttttcc	gtagacaaaag	120
ccacattaac	acgcttcttc	gccttccact	ttatcctccc	atttattatt	ttagccctag	180
caatcgtcca	cctactat	ctccatgaaa	caggatctaa	caaccctaca	ggaattccat	240
ccgacataga	taaaattcca	ttccaccctt	actacacaat	taaagatatc	ctgggagccc	300
tactactaat	tctaacccta	ctcgcaactaa	ccctattcgc	acctgacctg	ctaggagacc	360
ccgacaacta	taccccagca	aaccactca	gcaccccagc	ccacatcaaa	ccagagtggg	420
atttcctatt	cgcatacgca	atcttacgat	caattcctaa	taaactagga	gg	472

<210> 112

<211> 472

<212> DNA

<213> Mesoplodon densirostris

<400> 112

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ttccctatat	tggcaccacc	ctagtogagt	gaatctgagg	tggtttttcc	gtagacaaag	120
ccacattaac	acgtttcttc	gcttttcaact	tcctctccc	ctttattatt	ctagccctaa	180
caatgggtcca	cctactattc	ctccatgaaa	caggatctaa	taaccctaca	ggaatcccat	240
ctgacataga	taaaattcca	tttcaccctt	attacacaat	caaagatatt	ttaggagccc	300
tactattaat	tctggcccta	cttatactaa	ccctatttgc	acctgacct	ctaggagacc	360
ccgataatta	tactccagca	aaccctactca	acactccagc	acacatcaaa	ccagagtgggt	420
attttctatt	tgcatacgca	atcctacgat	caatccccaa	caaattagga	gg	472

<210> 13

<211> 472

<212> DNA

<213> Hyperoodon ampullatus

<400> 113

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ttccctatat	cggcactacc	ctagttgaat	gaatctgagg	tggtttctcc	gtagacaaag	120
ccacattaac	ccgttttttc	gccctccact	ttatctctcc	attcattatt	ctagccctag	180
caatcgtcca	cctactattc	ctccatgaaa	caggatccaa	caatcccaca	ggaattccat	240
ctgacataga	caaaatcccg	ttccacccat	actacacaat	caaagacact	ctaggggccc	300
tattactaat	cctagtccta	ctcacattaa	ccctattcgc	acccgacct	ctaggagacc	360
ctgataacta	taccccgca	aaccctactca	gcactccagc	acacatcaaa	ccagaatgggt	420
acttcttatt	tgcatacgca	atcctacggt	caatccctaa	caaactagga	gg	472

<210> 114

<211> 472

<212> DNA

<213> Hyperoodon ampullatus

<400> 114

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ccacattaac	ccgttttttc	gccctccact	ttatctctcc	attcattatt	ctagccctag	180
caatcgtcca	cctactattc	ctccatgaaa	caggatccaa	caatcccaca	ggaattccat	240
ctgacataga	caaaatcccg	ttccacccat	actacacaat	caaagacact	ctaggggccc	300

tattactaat	cctagtccta	ctcacattaa	ccctattcgc	acccgaccta	ctaggagacc	360
ctgataacta	taccccagca	aaccactca	gcactccagc	acacatcaaa	ccagaatggt	420
acttccttatt	tgcatatgca	atcctacgtt	caatccctaa	caaactagga	gg	472

<210> 115

<211> 472

<212> DNA

<213> *Mesoplodon peruvianus*

<400> 115

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ctacattaac	acgatttttt	gccttcact	ttattctccc	atttattatc	ttagctctaa	180
caattgtcca	tttactattt	ctacacgaaa	caggatctaa	taatcccata	ggaatctctt	240
ctgacataga	caaaattcca	tttcactcct	actatacaat	taaagatatc	ttaggagccc	300
tattattaat	tatagtccta	cttatactaa	ccctatttgc	acctgaccta	ttaggagatc	360
ctgacaatta	cactccagca	aaccactta	gcaccccagc	acatattaaa	ccagaatgat	420
attttctatt	tgcatatgca	attttacgat	cagttcctaa	taaactagga	gg	472

<210> 116

<211> 472

<212> DNA

<213> *Pontoporia blainvillei*

<400> 116

taccttgagg	acaaatgtca	ttctgagggtg	ccactgtcat	cactaacctc	ctatcagcga	60
tcctctacat	cggaaactacc	cttgtagaat	ggatctgagg	tggtttctct	gtagacaaag	120
caacactaac	gcgattcttc	gctttccatt	ttatccttcc	attcattatt	acagccctag	180
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ctaacaataga	tgccatccca	tttcacccct	actacacaat	taaagatatc	ctagggggccc	300
tattaataat	cctaacaata	ctcacgctga	ctctattcac	ccctgaccta	ttaggagacc	360
cagacaacta	tatcccagca	aaccccatga	ataccccaga	gcacattaaa	ccagaatggt	420
atttcctatt	tgctacgcc	atcctacgat	caattcccaa	taaactggga	gg	472

<210> 117

<211> 472

<212> DNA

<213> *Hippopotamus amphibius*

<400> 117

tgccatgagg	acaaatgtca	ttctgagggg	caacagtcac	taccaactta	ctgtcagcta	60
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ccacccttac	acgattcttt	gccttccact	ttattcttcc	attcgttatc	acagcactag	180
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cagacaacta	cacccccgca	aacccccctt	gcacaccacc	acacattaaa	ccagaatgat	420
atttcctggt	cgcgtacgca	attctccgat	caatccccaa	caaactagga	gg	472

<210> 118

<211> 472

<212> DNA

<213> Hexaprotodon liberiensis

<400> 118

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tacttcta	aacaatacta	ctcacactaa	ccttatttgc	cccagacctc	ctaggggacc	360
cagacaacta	cacccccgca	aacccccctt	gcacaccacc	acacatcaaa	ccagaatgat	420
atttcctggt	cgcatacgca	attctccgat	caatccctaa	caaactggga	gg	472

<210> 119

<211> 472

<212> DNA

<213> Rhinoceros sondaicus

<400> 119

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ctacccttac	ccgattcttt	gccttccact	tcatacttcc	ctttattatc	ctagctctag	180
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cagacaacta	catcccagcc	aaccctctca	gcacccctcc	acatatcaaa	ccagaatggt	420
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<210> 120

<211> 472

<212> DNA

<213> Ceratotherium simum

<400> 120

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ctgacaacta	cacccctgcc	aatcctctca	gcactccccc	acatatcaaa	ccagaatgat	420
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<210> 121

<211> 472

<212> DNA

<213> Dicerorhinus sumatrensis

<400> 121

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tcccatacat	cggcacccgac	cttgtagaat	gaatctgagg	gggattctcc	gtagacaaag	120
ccaccctcac	cgggttcttt	gctttccact	tcctctctcc	cttcacatc	ctagccctag	180
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ctaacataga	caaaatccca	tttcacccat	actatacaat	caaagacatc	ctaggagccc	300
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cggacaacta	cacaccgcc	aaccctctca	gcacccctcc	acacattaaa	ccagaatggt	420
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<210> 122

<211> 472

<212> DNA

<213> Equus asinus

<400> 122

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ccacccttac	cggatttttt	gccttccact	ttattctacc	ctttatcatc	acagccctgg	180
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cagacaacta	caccccagct	aacccctca	gcactccccc	tcatattaag	ccagaatggt	420
atttctctatt	tgcttacgcc	atcctacgct	ccattcccaa	caaactaggt	gg	472

<210> 123

<211> 472

<212> DNA

<213> *Babryrousa babyrussa*

<400> 123

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caaccctcac	acgattcttt	gctttccact	ttattctacc	cttcatcacc	accgctctcg	180
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cagatataga	caaaatccca	ttccacccct	actataccat	taaagacatt	ctaggagccc	300
tactcataat	tatagctctt	ctaatacctag	tactattctc	accagatcta	ctaggagacc	360
cggacaacta	tactccagca	aaccactaa	atacaccacc	ccacattaag	ccagaatgat	420
acttcctatt	tgctacgcc	atcctacgt	caatccccaa	caaattaggc	gg	472

<210> 124

<211> 472

<212> DNA

<213> *Phacochoerus africanus*

<400> 124

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tcccctacac	tggaacaaat	cttgtagaat	gaatctgagg	aggtttctcc	gtcgacaaag	120
caactctcac	acgattcttt	gccttccact	tcattttacc	ttttatcacc	gctgcacctag	180
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cagacataga	caaaatccca	ttccacccat	actacacccat	taaagatatc	ctaggagccc	300
tattcataat	actaatcctg	ctaatacctag	tattattctc	cccagaccta	ctaggagacc	360
cagacaacta	taccccagca	aaccattaa	acacaccacc	ccacatcaaa	ccagaatgat	420
acttcctatt	cgcctacgcc	atcctacgtt	caatccctaa	taaattaggc	gg	472

<210> 125

<211> 472

<212> DNA

<213> *Sus scrofa* haplotype EWB3

<400> 125

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caaccctcac	acgattcttc	gccttccact	ttatcctgcc	attcatcatt	accgccctcg	180
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tatttataat	actaatccta	ctaatacctg	tactattctc	accagaccta	ctaggagacc	360
cagacaacta	caccccagca	aaccactaa	acaccccacc	ccatattaaa	ccagaatgat	420

atttcttatt cgcctacgct attctacggt caattcctaa taaactaggt gg

472

<210> 126

<211> 472

<212> DNA

<213> Sus barbatus

<400> 126

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caacccttac	acgattcttc	gcctttcact	ttatcctgcc	cttcgtcatt	accgccctcg	180
cagccgtaca	tctcctattc	ctacacgaaa	cgggatccaa	taaccccacc	ggaatttcat	240
cagacataga	caaaattcca	tttcacccat	actacactat	caaagacatt	ctaggagcct	300
tatttataat	actaatccta	ctaactcttag	tactattctc	accagaccta	ctaggagacc	360
cagacaacta	cacccagca	aaccactaa	acaccccacc	ccatattaaa	ccagaatgat	420
acttcttatt	cgcctacgct	attctacggt	caatcccca	taaactaggt	gg	472

<210> 127

<211> 472

<212> DNA

<213> Lama glama

<400> 127

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ccacccttac	acgattcttc	gccttcact	ttatcttacc	ttttgtcatt	gcagctctag	180
caggagtaca	tctactat	ttacacgaaa	caggctccaa	caatccaaca	ggaatttctt	240
cggatataga	caaaatcccc	ttccatccct	actatacaat	taaagacatt	ctaggagcac	300
tactacttat	tctaacccta	cttctactcg	tactattctc	accagaccta	ctaggagacc	360
ccgacaacta	tactcccgct	aacccctca	acacaccgcc	ccatattaaa	ccagaatgat	420
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<210> 128

<211> 472

<212> DNA

<213> lama guanicoe

<400> 128

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ccacccttac	rcgattcttc	gccttccact	ttatcttacc	ttttgtcatt	gcagctctag	180
caggagtgca	tctactatth	ttacacgaaa	caggctccaa	caatccaaca	ggaatttctt	240
cggatataga	caaaatcccc	ttccatccct	actatacaat	taaagacatt	ctaggagtac	300
tactacttat	tctgacccta	cttctactcg	tactattctc	accagaccta	ctaggagacc	360
ccgacaacta	tactcccgt	aacccccctca	acacaccgcc	tcatattaaa	ccagaatgat	420
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<210> 129

<211> 472

<212> DNA

<213> *Vicugna vicugna*

<400> 129

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ccacccttaa	ccgattcttc	gcctttcact	ttatcttacc	tttcatcatt	gcagctctag	180
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cagatataga	caaaattccc	ttccatccct	actacacaat	taaagacatt	ttaggagcac	300
tactacttat	tctgattcta	ctcctactcg	tactattctc	accagactta	ctaggagacc	360
ccgacaacta	tacccccgt	aacccccctta	acacaccacc	ccacattaaa	ccagaatgat	420
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<210> 130

<211> 472

<212> DNA

<213> *Camelus bactrianus*

<400> 130

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ccaccctcac	acgattcttt	gccttccact	tcatoctgcc	atthattatc	acggccctag	180
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tgctactaat	attaattctc	cttattctcg	tactgttctc	accagactta	ttaggagatc	360
ctgacaacta	tactcccgt	aacccccctca	atacaccacc	acacattaag	ccggaatgat	420
atttcctatt	cgcatacgt	atcctacgat	ccatccccaa	caaattggga	gg	472

<210> 131

<211> 472

<212> DNA

<213> *Arctocephalus forsteri*

<400> 131

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caaccctaac	acgattcttc	gcctttcact	tcattctccc	cttcgtagca	tcagcactag	180
taatagtaca	tctgctattc	ctacatgaaa	caggatccaa	taacccatca	ggagtctcct	240
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tcctactaat	cttgattcta	atattactag	taatatatttc	accagatctg	ctgggagacc	360
cagacaacta	caccccagcc	aacccccctca	gcactccacc	acatatataa	cctgaatgat	420
atcttctatt	cgcttacgcc	atctttacgat	ctatccccaa	caaactagga	gg	472

<210> 132

<211> 472

<212> DNA

<213> *Arctocephalus gazella*

<400> 132

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caaccctaac	acgattcttc	gcctttcact	ttattctccc	cttcgtagta	tcagcactag	180
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ctgactcgga	caaaattcca	ttccacccat	attatacaat	taaagatatc	ctgggagccc	300
tcttactaat	cttaattcta	atattactag	taatatatttc	accagatctg	ctaggagacc	360
cagacaacta	catcccagcc	aacccccctca	gtactccacc	acatatcaaa	cctgaatggt	420
atcttctatt	cgcttatgcc	atctttacgat	ctatccccaa	caaactagga	gg	472

<210> 133

<211> 472

<212> DNA

<213> *Eumetopias jubatus*

<400> 133

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caaccctaac	acgattcttc	gccttccact	ttattctccc	cttcgtagca	tcagcactag	180
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ccaactcaga	caaaattcca	ttccatccat	attacacaat	taaagatatc	ctgggaaccc	300
tcctactaat	cttaattcta	atattactag	taatatatttc	accagacctg	ctgggagacc	360
cagacaacta	catcccagcc	aacccccctca	gcactccacc	acatatataa	ccogaatgat	420
atcttctatt	cgcttatgct	atctttacgat	ccatccccaa	caaattaggg	gg	472

<210> 134

<211> 472

<212> DNA

<213> *Zalophus californianus*

<400> 134

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caaccctaac	acgattcttt	gccttccact	ttattctccc	cttcatagca	tcagcactag	180
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tctactaat	cttaacccta	atactactag	taatattttc	accggacctg	ctgggagacc	360
cagacaacta	tattccagcc	aacccccctc	gcactccacc	acatatataa	cctgagtgat	420
atttcctatt	cgcctatgct	attttacgat	ccatccccaa	caaattaggg	gg	472

<210> 135

<211> 472

<212> DNA

<213> *Odobenus rosmarus*

<400> 135

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caaccctaac	acgattcctc	gccctccact	tcgttcttcc	attcatggca	ttagcactaa	180
cagcagtaca	cctactatct	ctccacgaaa	caggatctaa	caacccttcg	ggaatcctat	240
ctgactcaga	caaaatccca	tttcacccgt	actacacaat	taaagatatc	ctaggggtca	300
tcattcta	cctaatecta	atactactag	tactattctc	accagattta	ctgggagacc	360
cggacaatta	caccccagcc	aacccctctc	gcaccccacc	ccatatcaaa	cccgaatgat	420
atttcctatt	cgcctacgct	atcctccgat	ctattcccaa	caaactcggg	gg	472

<210> 136

<211> 472

<212> DNA

<213> *Phoca vitulina*

<400> 136

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tcccctatgt	cggaaccgac	cttgtagaat	gaatctgagg	agggttttca	gtagataaag	120
caaccctaac	acgattcttc	gccttccact	tcctcctgcc	attcgtagta	tcagccctag	180
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ccaactcaga	caaaatccca	ttccacccgt	actatacaat	taaagatatc	ctagggggccc	300
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cggacaacta	tatccctgcc	aatcccctaa	gcaccccacc	acatatcaaa	cctgaatggg	420
acttcctatt	tgcctacgca	atcttacgat	ccatccccaa	caaactagga	gg	472

<210> 137

<211> 472

<212> DNA

<213> *Phoca fasciata*

<400> 137

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caaccctaac	acgatttttc	gctttccact	ttatcctacc	atttgtagta	tcagcactag	180
cggcagttca	cctactattc	ctacacgaaa	caggatccaa	caaccctcc	ggaatcgtat	240
cggactcaga	caaaatccca	ttccacccat	actatacaat	taaagatatc	ctaggagccc	300
tactcctcat	cctagtccta	atactactag	tactattctc	acccgaccta	ctaggagacc	360
cggacaacta	cacccctgcc	aaccccttaa	gcacccacc	acatatcaag	cccgaatgat	420
actttctatt	tgcctacgca	atcctacgat	caatcccaa	caaactagga	gg	472

<210> 138

<211> 472

<212> DNA

<213> *Phoca groenlandica*

<400> 138

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caaccctaac	acgatttttc	gccttccact	tcattctacc	attcgtagta	ttagcactag	180
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cggacaacta	catccctgcc	aatcccttaa	gtacccacc	acatatcaag	cccgaatgat	420
actttttatt	tgcctacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 139

<211> 472

<212> DNA

<213> *Cystophora cristata*

<400> 139

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caactctaac	acggtttttc	gccttccact	tcattcctacc	attcgtagta	tcagcactag	180
caacagtcca	cctactattc	ctacacgaaa	caggatctaa	taatccctcc	ggaatcacat	240

ccgactcaga	caaaatccca	ttccacccat	actatacaat	taaagacatc	ctaggagccc	300
tactcctcat	cctagttcta	acactactag	tgctattctc	acccgatctg	ctaggagacc	360
ccgacaacta	tacccttgcc	aacccccctaa	gtaccccacc	acatattaaa	cctgaatgat	420
atttcctatt	cgcctatgca	atcctacgat	ctatccccaa	caaactagga	gg	472

<210> 140

<211> 472

<212> DNA

<213> Hydrurga leptonyx

<400> 140

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caaccctaac	acgattcttc	gccttccact	ttatccttcc	cttcgtagta	tcagcactag	180
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ccaactcaga	caaaatccca	tttcacccct	actacacaat	caaagacatc	ctaggagccc	300
tattcctcat	tctaacccta	atactactag	tattattctc	acccgacctg	ctaggagacc	360
ccgacaacta	tattcctgct	aacccccctaa	gcaccccacc	acatatcaaa	cccgaatgat	420
atttcctatt	tgcttacgca	atcctacgat	ccattcccaa	taaactagga	gg	472

<210> 141

<211> 472

<212> DNA

<213> Leptonychotes weddelli

<400> 141

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caaccctaac	acgattcttc	gccttccact	ttatccttcc	cttcgtagta	tcagcactag	180
cagcagtaca	tctactattc	ttacacgaga	caggatccaa	caacccctcc	ggaattccat	240
ctgactcaga	caaaatccca	tttcacccct	actacacaat	caaagacatc	ctaggagccc	300
tactcctcat	tctaacccta	atattactag	tattattctc	acccgacctg	ctaggagacc	360
ccgacaacta	tactcccgct	aatccccctaa	gtactccacc	acatatcaaa	cccgaatgat	420
atttcctatt	tgcttacgca	atcctacgat	ccatccctaa	caaactagga	gg	472

<210> 142

<211> 472

<212> DNA

<213> Mirounga leonina

<400> 142

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caaccctaac	acgattcttc	gccttccact	ttatcctacc	attcgtagca	ctagcactag	180
cagcagtaca	tctactattc	ctacacgaaa	caggatccaa	caaccctct	ggaatcccat	240
ccgactcaga	caaaatccca	ttccacccat	actacacaat	caaagatatc	ttaggagccc	300
tacttcttat	tctaacccta	atactattag	tggtattctc	acccgactta	ttaggagacc	360
ccgacaacta	caccctgccc	aatcccctaa	gcaccccacc	acatattaaa	cccgaatgat	420
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<210> 143

<211> 472

<212> DNA

<213> *Erignathus barbatus*

<400> 143

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caaccctaac	acgattcttc	gccttccact	ttatcctacc	atttgtagta	ttagcattag	180
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tacttcta	cctagttctt	atacttctag	tgctattctc	acccgaccta	ctgggagatc	360
ccgacaacta	cactcccgt	aaccccctaa	gcaccccacc	acatattaag	cccgaatgat	420
atttcctatt	cgcctatgca	atcctacgat	ccatccccaa	caaacttgga	gg	472

<210> 144

<211> 472

<212> DNA

<213> *Monachus schauinslandi*

<400> 144

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caaccctaac	acgattcttc	gctttccatt	ttattatacc	cttcatagta	ttagcactag	180
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ctgacaacta	catccctgcc	aaccccctaa	acactccacc	acacattaaa	cccgaatgat	420
acttcctatt	cgcctacgca	atcctacgat	ctatccccaa	taaactagga	gg	472

<210> 145

<211> 472

<212> DNA

<213> *Helarctos malayanus*

<400> 145

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cgactctaac	acgattcttt	gccttccact	ttatccttcc	gttcatcatc	ttggcactaa	180
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ctgacaacta	catccccgca	aatccattga	gcaccccacc	ccacatcaaa	cccgaatggt	420
actttctatt	tgcctacgct	atcctacgat	ccatccctaa	taaactagga	gg	472

<210> 146

<211> 472

<212> DNA

<213> *Selenarctos thibetanus*

<400> 146

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ctgataacta	tacccccgca	aaccactga	gcaccccacc	ccacatcaaa	cccgaatgat	420
actttttatt	tgccttacgct	atcctacgat	ccatccccaa	caaactagga	gg	472

<210> 147

<211> 472

<212> DNA

<213> *Ailurus fulgens*

<400> 147

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ttccctatat	tggaactaac	cttgtagagt	gaatctgagg	aggttttctca	gtcgacaaaag	120
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ctgataacta	tattccccgt	aaccatttaa	gcacaccacc	ccatattaaa	cctgagtggg	420
atttcctatt	cgcatatgca	attctacgat	ccatccccaa	caaactagga	gg	472

<210> 148

<211> 472

<212> DNA

<213> *Felis catus*

<400> 148

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ccaccctaac	acgattcttt	ggcttcact	tcattcttcc	attcattatc	tcagccttag	180
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cagacaacta	catcccagcc	aaccctttaa	ataccctccc	ccatattaaa	cctgaatgat	420
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<210> 149

<211> 472

<212> DNA

<213> *Canis familiaris*

<400> 149

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caaccctaac	acgattcttt	gcattccatt	tcatectccc	tttcatcatc	gcagctctag	180
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cagactcaga	caaaattcca	tttcaccctt	actacacaat	caaggatata	ctaggagcct	300
tactcctact	cctaataccta	atatcactag	ttttattttc	acctgacctc	ttaggagacc	360
cagataacta	cacccttgca	aaccctctaa	acaccctccc	acatattaaa	cctgagtgat	420
atthttctatt	cgcctatgct	atcctacgat	ccattcctaa	taaattagga	gg	472

<210> 150

<211> 472

<212> DNA

<213> *Talpa europaea*

<400> 150

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ttccttacat	cggtagacac	ttagtagaat	gaatttgagg	tgggttctca	gtagacaaag	120
cgacactcac	acgattcttc	gccttcact	tcattctgcc	atttattatt	gcggcactag	180
ctggagttca	cctgttattt	cttcacgaaa	caggatcaaa	caaccctatc	ggactctcat	240
cagatacgga	taaaattcca	tttcaccctt	attacactat	taaagacatc	ctaggagcac	300
taatccta	tatagctcta	tcattcattag	tattattttc	acctgacctc	ctaggagacc	360
cagacaatta	catcccggca	aaccgcgtaa	acacaccacc	ccatattaaa	cccgaatggt	420

acttccctatt tgcataatgcc atcctacgat caattccctaa taaattagga gg

472

<210> 151

<211> 472

<212> DNA

<213> *Glaucomys sabrinus*

<400> 151

taccctgagg	acaaatatct	ttctgaggag	ccaccgtcat	caccaacctt	ctctcagcta	60
ttccttatat	tgggacaaca	cttgtagaat	gaatctgagg	aggcttctct	gtcgacaaag	120
ctaccctaac	ccgatttttt	gcatttcatt	ttgtcctccc	ttttattatt	gctgccctag	180
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ctgactcaga	taaaatccca	ttccaccctt	atttctcaat	taaagacacc	ctaggattct	300
taatcctcat	cttaatcttc	ataaccctag	ttctcttcac	ccctgatctt	ctaggagacc	360
cagacaacta	taccccagcc	aacccactca	acaccctcc	ccacatcaaa	ccagaatgat	420
actttctatt	tgcatacgca	attctacgat	ctattccaaa	taaactagga	gg	472

<210> 152

<211> 472

<212> DNA

<213> *Glaucomys volans*

<400> 152

taccctgagg	acaaatatcc	ttctgaggag	ctactgtcat	caccaacctt	ctctcagcta	60
ttccttatat	tgggtacaaca	cttgtagaat	gaatctgagg	gggcttctct	gttgataaag	120
ctaccctaac	ccgattcttt	gcatttcact	tcattcttcc	ttttatcatt	gccgctctag	180
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ctgactcaga	caaaatccca	ttccaccctt	acttctcaat	taaagatacc	ctaggattct	300
taatccttat	cttaatcttc	ataaccctag	ttctcttcac	cccggatctt	ctaggagacc	360
cagacaacta	tactccagcc	aacccactca	acggccctcc	ccatatcaag	ccagagtgat	420
actttctatt	tgcgtatgca	attctacgat	ctatcccaaa	taaactagga	gg	472

<210> 153

<211> 472

<212> DNA

<213> *Hylopetes phayrei*

<400> 153

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ctaccctaac	ccgattcttc	gcatttcact	ttgtgctgcc	ctttattatt	gcagcactag	180

ctataattca	ccttctcttt	ctacacgaaa	caggatcaaa	taacccatca	ggcctaattt	240
ccgattcaga	caaaatccca	tttcacccat	actattcaat	taaagatctc	ctaggcgccc	300
ttattcttct	cctaattcttt	ataaacttag	tactattttc	ccccgatctt	ttaggagacc	360
ctgacaacta	cacccccgcc	aaccactta	acacccctcc	tcatattaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcctacgat	ctattcccaa	taaattagga	gg	472

<210> 154

<211> 472

<212> DNA

<213> *Petinomys setosus*

<400> 154

taccatgagg	acaaatatcc	ttctgagggg	ctaccgttat	tacaaacctc	ctatctgcca	60
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ctaccctaac	ccgattcttc	gcattccact	ttgtgctgcc	ctttattatt	gcggcactgg	180
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ccgattcaga	caaattccca	tttcacccat	actattcaat	taaagatctc	ctaggggccc	300
ttattcttct	cctaattcttt	ataaacttag	tactattctc	ccccgatctt	ttaggagacc	360
ctgacaacta	cacccccgcc	aaccactta	acacccctcc	tcatattaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcctacgat	ctattcccaa	taaattagga	gg	472

<210> 155

<211> 472

<212> DNA

<213> *Belomys pearsonii*

<400> 155

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caaccctaac	acgattcttc	gcattccact	ttatcttacc	atttatcgta	gcagcccttg	180
caatagtcca	ccttcttttc	ctccacgaaa	ttgggtcaaa	taatcccccc	ggattaattt	240
ctgaatctga	taaagtacca	ttccacccat	acttcacaat	caaagatatt	cttggcgccc	300
taatcttcgg	ccttatattt	acaacctta	ttctattcgc	ccctgatctc	ctaggagacc	360
ctgacaacta	tactccggcc	aatccactta	acacccctcc	ccacattaaa	ccagaatgat	420
acttttcta	ttattacgca	atccttcgat	ccatccccaa	caaactagga	gg	472

<210> 156

<211> 472

<212> DNA

<213> *Pteromys momonga*

<400> 156

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ctaccctaac	acgattcttt	gcattccact	ttgtcctccc	cttcattatc	gcagccctag	180
caatagttca	cctacttttc	cttcatgaaa	cagggtccaa	caacccatct	ggacttacct	240
ccgaatccga	caaaatccca	ttccaccctt	acttcacaat	taaagacatt	ttaggagcac	300
ttctccttgg	cctcctatct	ataatcttag	tcctctttac	tccagacctc	cttgagagacc	360
ccgacaacta	taccccagcc	aacccctca	acactcccc	tcatatcaaa	ccagagtgat	420
atttcctatt	cgcataatgct	atcttacgat	ctatccctaa	caaactaggc	gg	472

<210> 157

<211> 472

<212> DNA

<213> Galagoides demidoff

<400> 157

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ctacccttac	ccgattcttt	gctttccact	ttatcctccc	atttatcatt	acagcaatag	180
tcataatcca	cctcctatct	cttcacgaaa	caggatcaaa	caacccctca	ggacttccat	240
cagactcaga	caaaatcccc	ttccaccctt	attacataat	caaggatctc	ctaggactga	300
ttattctctt	actaactctg	ttctccctag	taatattctc	cccggacctg	ctaggagacc	360
ctgacaacta	cacccccgcc	aacccctaa	acaccccacc	acatatcaaa	ccagagtgat	420
atttcctatt	tgcctacgcc	atcctacgat	ctatccccaa	caaactagga	gg	472

<210> 158

<211> 472

<212> DNA

<213> Perodicticus potto

<400> 158

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ctaccctaac	acgattcttc	gccttccact	tcatectccc	ctttattatc	acagcactag	180
ccacaactca	cctcttattt	cttcacgaaa	caggatcaaa	taacccagca	ggaattccat	240
cagaatcaga	caaaatcccc	ttccaccctt	actacaccac	caaagactta	ctaggagcca	300
tccttcttct	actaatccta	ctcaccctag	tcctattctc	cccagacctc	ttaggagacc	360
ctgacaacta	caccccagcc	aacccctaa	acaccccacc	acatatcaaa	ccagaatggg	420
actttctatt	cgcctacgcc	atcttacgat	ccatcccaaa	caaactggga	gg	472

<210> 159

<211> 472

<212> DNA

<213> Galago matschiei

<400> 159

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ccacccttac	togattcttc	gcttttccact	tcctcctacc	tttcattatt	gcagccctag	180
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cagactccga	caaaatccca	ttccaccctt	actacacaat	taaagaccta	ctaggagtaa	300
tcttcttact	actatgccta	ttctctctag	tactattttc	ccccgatctg	ttaggagacc	360
cagacaattt	tacccccgct	aatcccttaa	acacccccacc	acacatcaaa	ccagaatgat	420
acttcttatt	tgcttatgcc	atccttcgat	caattcccaa	caaactagga	gg	472

<210> 160

<211> 472

<212> DNA

<213> Galago moholi

<400> 160

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ctactcttac	ccgatttttc	gcttttccact	tcctcctgcc	tttcatcatc	gcggccctag	180
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cagactccga	caaaatcccc	ttccaccctt	actacacaat	taaagaccta	ctaggagcaa	300
tcttcttact	attatcccta	ttctctctag	tactattctc	ccctgacctg	ctgggagacc	360
cagacaatta	tatccctgcc	aacccccctaa	acacccccacc	acatattaaa	ccagaatgat	420
acttcttatt	tgcttacgcc	atccttcgat	caatccccaa	caaactagga	gg	472

<210> 161

<211> 472

<212> DNA

<213> Otolemur garnettii

<400> 161

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caaccctcac	ccggtttttt	gcttttccact	ttatcctgcc	tttcatcatc	gcagccctag	180
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cagactctga	caaaatcccc	ttccaccctt	attacacaat	taaagacctt	ctaggggcta	300
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cagacaacta	cacccctgcc	aacccccctaa	acacaccgcc	ccatatcaaa	ccgaatgat	420
atttcttatt	tgcttatgct	atcttacgat	ccatccccaa	taaactagga	gg	472

<210> 162

<211> 472

<212> DNA

<213> Loris tardigradus

<400> 162

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caaccctcac	acgattcttc	gcctttcact	tcctccttcc	attcatcatc	acagcattaa	180
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cagactctga	caaaatccca	tttcacccct	actacacatt	aaaagatatt	ctaggagtaa	300
ttgctctctt	aatcacctta	tcaactctag	ttctattctc	ccctgacctt	ttaggagacc	360
ccgataatta	cacaccagct	aaccctttaa	acaccccacc	ccacatcaaa	ccagaatggt	420
atttcctatt	cgcatacgca	atcctacgat	caatcccca	taaactaggt	gg	472

<210> 163

<211> 472

<212> DNA

<213> Nycticebus coucang

<400> 163

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ccacactcac	acgattcttc	gccttccact	ttatcctccc	cttcctcgtc	gctgctctag	180
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cagactcaga	taagattcca	tttcacccct	actactcact	taaagacctc	ctaggagtgg	300
ttttcctatt	agcaacccta	tctattctag	tcttattctc	ccctgacctc	ctaggagacc	360
ccgacaacta	tacccccgcc	aaccctttag	tcacccctcc	acatatcaaa	ccagaatgat	420
atthtctatt	cgcctacgcc	atccttcgat	caatcccca	caaactagga	gg	472

<210> 164

<211> 472

<212> DNA

<213> Mus musculus

<400> 164

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ccaccttgac	ccgattcttc	gctttccact	tcattctacc	atthtattatc	gcggccctag	180
caatcgttca	cctcctcttc	ctccacgaaa	caggatcaaa	caacccaaca	ggattaaact	240
cagatgcaga	taaaattcca	tttcacccct	actatacaat	caaagatatc	ctagggtatcc	300

taatcatatt	cttaattctc	ataaccctag	tattatTTTT	cccagacata	ctaggagacc	360
cagacaacta	cataccagct	aatccactaa	acacccccacc	ccatattaaa	cccgaatgat	420
atttcctatt	tgcatacgcc	attctacgct	caatccccaa	taaactagga	gg	472

<210> 165

<211> 472

<212> DNA

<213> Gorilla gorilla

<400> 165

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tcctctttct	cctgaccttg	ataacattaa	cactattctc	accagacctc	ctaggagacc	360
cagacaacta	caccttagcc	aacccccctaa	gcacccccacc	ccacatcaaa	cccgaatgat	420
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<210> 166

<211> 472

<212> DNA

<213> Homo sapiens sapiens

<400> 166

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ccaccctcac	acgattcttt	acctttcact	tcattcttgc	cttcattatt	gcagccctag	180
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cagacaatta	taccctagcc	aacccccctaa	acacccctcc	ccacatcaag	cccgaatgat	420
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<210> 167

<211> 472

<212> DNA

<213> Dugong dugong

<400> 167

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ccaccctcac	ccgattcttc	gccctacact	tcctcctacc	cttcacgta	accgccctag	180
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tcctcctcat	tctagtctta	ctcctactaa	ccctgttctc	cccggacata	ctgggagacc	360
cagacaacta	cacaccagcc	aacccactaa	acacccctcc	ccacattaaa	ccagaatgat	420
actttctatt	ccgatacgct	atcctccgat	ctatccctaa	taaactaggc	gg	472

<210> 168

<211> 472

<212> DNA

<213> *Elephas maximus*

<400> 168

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caaccttaaa	ccgattcttc	gccttcatt	tcctcctcc	atttactata	gttgacttag	180
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ctgacaacta	cataccagct	gatccactaa	atactccct	acacatcaaa	ccagagtgat	420
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<210> 169

<211> 472

<212> DNA

<213> *Afropavo congensis*

<400> 169

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caaccctcac	ccgattcttc	gccctacact	ttcttctccc	ctttctaatt	gcgggaatta	180
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ccaattcaga	taaaatccca	ttccacccgt	actactccct	caaagatatc	ctaggcttag	300
cactcatgct	cattccattc	ctgacactag	ccctactctc	ccccaacctc	ttaggtgatc	360
cagaaaactt	cacccagca	aacccctctag	taactcccc	acacattaaa	ccagaatggt	420
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<210> 170

<211> 472

<212> DNA

<213> Pavo muticus

<400> 170

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caaccctcac	cggattcttc	gccctacact	ttctcctccc	ctttgtaatc	gcaggaatta	180
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cagaaaactt	taccccagca	aaccccctag	taaccccccc	gcacattaaa	ccagaatgat	420
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<210> 171

<211> 472

<212> DNA

<213> Tragopan blythii

<400> 171

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caaccctcac	tggattcttc	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
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ctaactctga	caaaatccca	ttccacccgt	actactccct	caaagatata	ctgggtctaa	300
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cagaaaactt	caccccagca	aacccactag	taacccctcc	ccatatcaaa	ccagaatgat	420
attccttatt	cgcttatgcc	atcctgcgct	caatccccaa	caaacttggg	gg	472

<210> 172

<211> 472

<212> DNA

<213> Tragopan satyra

<400> 172

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caaccctcac	cggattcttc	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
ctatcataca	cctcatcttc	ttacatgaat	caggctctaa	taaccactg	ggcatctcat	240

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cactcatgct	cacccccctc	ctcacactag	ccttattctc	accaaacctc	ctaggtgatc	360
cagaaaactt	caccccagca	aaccactag	taaccctcc	ccatattaaa	ccagaatgat	420
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<210> 173

<211> 472

<212> DNA

<213> *Tragopan caboti*

<400> 173

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tcccatacat	tggccaaact	ctagtagaat	gggcctgagg	gggcttttca	gttgacaatc	120
caacccttac	cagattcttt	gccctacact	tcctcctccc	atttgtaatc	gcaggaatca	180
ccatcatcca	cctcatcttc	ctacatgaat	caggctctaa	caaccctctg	ggcatctcat	240
ctgactctga	caaaatccca	ttccaccgt	actactccct	caaagatatc	ctgggcctaa	300
cactcatact	cactcctctc	ctcacactag	ccttattttc	accaaacctc	ctaggtgacc	360
cagaaaactt	caccccagca	aaccattgg	taactcctcc	ccatatcaag	ccagaatggt	420
atttcctggt	cgttatgcc	atcctacgct	caatcccaaa	caaactcgga	gg	472

<210> 174

<211> 472

<212> DNA

<213> *Tragopan temminckii*

<400> 174

tcccatgagg	acaaatatca	ttttgagggg	ctaccgtcat	cacaaattta	ttctcagcaa	60
tcccatacat	tggccaaacc	ctagtagaat	gagcttgagg	gggcttttca	gttgacaatc	120
caacccttac	cagattcttt	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
ccatcatcca	cctcatcttc	ctacatgaat	caggctcaaa	caaccctcta	ggcatctcat	240
ctaactctga	caaaatccca	ttccaccgt	actactccct	caaagatatc	ctaggcctaa	300
cactcatact	cactcctctc	ctcacactag	ccttattttc	accaaacctc	ctaggtgatc	360
cagaaaactt	caccccagca	aaccactag	taactcctcc	ccatatcaaa	ccagaatgat	420
attttctggt	cgttatgcc	atcctgcgct	caattccaaa	caaactcgga	gg	472

<210> 175

<211> 472

<212> DNA

<213> *Argusianus argus*

<400> 175

tcccatgagg	acaaatatca	ttttgaggag	ctaccgtcat	cacaaaccta	ttctcagcaa	60
tcccttatat	tggacaaacc	ctagtagagt	gagcctgagg	aggattttca	gtcgacaacc	120
ccacccttac	ccgattcttt	gctctacatt	tcctcctacc	cttcgtaatc	gcaggaatca	180
ccatcatcca	cctcacattc	ctacacgaat	caggctcaaa	caacccta	ggcatctcat	240
ctaactctga	caaaatccca	ttccacccat	actactccct	caaagacatc	ctaggcctaa	300
cactcatact	cgtccattc	cttacctaa	ccctattcta	cccaaaccta	ctagggtgacc	360
cagaaaactt	caccccagca	aaccattag	taactccacc	ccacatcaag	ccagaatgat	420
acttcctatt	cgcctatgcc	atcctacgct	caatcccaaa	caaactagga	gg	472

<210> 176

<211> 472

<212> DNA

<213> *Catreus wallichi*

<400> 176

ttccatgggg	acaaatatca	ttttgagggg	ctactgtcat	cacaaatcta	ttctcagcaa	60
tcccttacat	cggacagacc	ctagtagaat	gagcctgagg	aggattctca	gttgacaatc	120
caactctcac	ccgattcttc	gccctgcact	tcctccttcc	cttcgtaatt	gcaggaatca	180
ccatcaccca	tctcatattc	ctacatgaat	caggctcaaa	taacccta	ggcatctcat	240
ctaactccga	caaaatccca	ttccacccat	actactccct	caaagatata	ctaggcctag	300
cacttatatt	caccccattc	ctaactactag	ccctattctc	accaaattct	ctgggcgacc	360
cagaaaactt	caccccagca	aatccattag	taaccacc	acacattaaa	ccagaatggt	420
acttcctatt	tgcctacgct	atcctacgct	caatcccaaa	taaactcgga	gg	472

<210> 177

<211> 472

<212> DNA

<213> *Crossoptilon crossoptilon*

<400> 177

tcccatgagg	acaaatatca	ttttgagggg	gtaccgtcat	cacaaatcta	ttctcagcaa	60
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caaccctcac	ccgattcttc	gccctacact	tcctcctccc	cttcgtaatt	gcaggaatta	180
ctgtcaccca	cctcatattc	ctacacgaat	caggctcaaa	caacccta	ggcatctcat	240
ctaattccga	caaaatccca	ttccacccct	actactccct	caaagacatc	ctaggcctag	300
cacttatact	caccccattc	ctaactactag	ccctattctc	acctaacctt	ctgggcgacc	360
cagagaactt	caccccagca	aaccactag	taaccccc	tcacattaaa	ccagaatgat	420
acttcctatt	tgcctatgct	atcctgcgct	caatcccaaa	taaactcgga	gg	472

<210> 178

<211> 472

<212> DNA

<213> *Syrmaticus reevesi*

<400> 178

tcccatgagg	acaaatatca	ttttgagggg	caaccgtcat	cacaaattta	ttctcagcaa	60
ttccctacat	cggacaaacc	ctagtagagt	gggcctgagg	aggattctca	gttgacaacc	120
caaccctcac	ccgattcttc	gcccttcact	ttctcctacc	cttcgtaatc	acaggaatca	180
ccatcacaca	tcttatgttc	ctacacgaat	caggctcaaa	caaccacta	ggcatttcat	240
ctaactctga	caaaatcccc	tttcacccat	actactctct	caaagatata	ctaggcctag	300
cacttatact	caccccatto	ctcacactag	ccctattctc	acctaacctg	ctaggcgacc	360
cagaaaactt	caccccagca	aaccctactag	taaccctctc	tcacattaaa	ccagaatgat	420
acttcctatt	tgcctacgcc	atcctacgct	caatcccaaa	caaactgggg	gg	472

<210> 179

<211> 472

<212> DNA

<213> *Bambusicola thoracica*

<400> 179

tcccatgggg	ccaaatatcc	ttttgagggg	ctaccgtcat	cacaaattta	ttctcagcaa	60
ttccctacat	cggacaaacc	ctagtagaat	gagcctgggg	gggattctca	gtagacaacc	120
caactctcac	ccgattcttc	gccttacact	tcctactccc	cttcgtaatc	gcaggaatta	180
ccattatcca	cctcacatto	ttacacgaat	caggatcaaa	caaccacctta	ggcatctcat	240
ctaactccga	caaaatccca	ttccacccat	actactcctt	taaagacatt	ctcggcctag	300
cccttatatt	catcccatto	ctgacactag	ccctattctc	ccctaacctc	ctaggagacc	360
cagaaaactt	caccccagca	aaccctactag	taaccctctc	acacatcaaa	ccagagtggg	420
acttcctatt	cgcgtatgct	atcgtacgat	caatcccaaa	caaactcgga	gg	472

<210> 180

<211> 472

<212> DNA

<213> *Francolinus francolinus*

<400> 180

tcccatgagg	ccaaatatca	ttctgagggg	ctaccgtcat	tacgaacctta	ttctcagcaa	60
ttccctacat	tggacaaacc	ttagtagagt	gagcctgagg	gggattctca	gtagataacc	120
caaccctcac	ccgattcttc	gccctacact	tccttctccc	cttcgtaatt	gcaggaatca	180
ctatcatcca	cctcacattt	ctgcacgaat	caggctcaaa	caaccacctta	ggcatctcat	240
ctgactctga	caaaatccca	ttccacccat	actacacctc	caaagacata	ctaggcctaa	300
cccttatatt	catccctctc	cttacactag	ccctattctc	ccccaacctc	ctaggcgacc	360
ccgaaaactt	caccccagca	aaccctactag	taactcctcc	ccacatcaaa	ccagaatgat	420
acttcctatt	tgcctacgcc	atcctacgct	caatcccaaa	caaactcgga	gg	472

<210> 181

<211> 472

<212> DNA

<213> *Ithaginis cruentus*

<400> 181

taccatgagg	acaaatatca	ttctgaggag	ccactgtaat	cacaaaccta	ctctcagcaa	60
ttccctacat	cggccaaact	ctggtagaat	gagcttgagg	aggattttca	gtagacaacc	120
caaccctcac	cggattcttc	gccctacact	ttctcctccc	cttcgcaatc	gcaggaatta	180
ctgtcatcca	ccttacactc	ctccacgaat	caggttcaaa	taacccta	ggcatctcat	240
ctaactctga	caaaatccca	tttcacccat	actactccct	caaagacatc	ctaggcctag	300
cacttatact	catccccctt	cttacactag	tcctattttc	ccccaacctc	ctaggagatc	360
cagaaaactt	tagtccagca	aacccccctag	taacccccacc	ccatattaaa	ccagaatgat	420
acttcctatt	tgcctacgct	attctacgct	caatccccaa	taaacttgga	gg	472

<210> 182

<211> 472

<212> DNA

<213> *Anthropoides paradisea*

<400> 182

taccatgagg	acaaatgtca	ttttgagggg	ctacagtcat	caccaatctc	ttctcagccg	60
tcccatatat	cggccaaacc	cttgtagaat	gagcttgagg	gggtttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatt	atgggcctca	180
ccctaatacca	cctcaccttc	cttcacgagt	cgggtcaaaa	caaccccccta	ggcattgtat	240
caaactgcga	taaaatccca	ttccacccct	atTTTTcctt	aaaagatatc	ctaggattca	300
tactcatact	actcccactc	ataaccctag	ctctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aacccccctag	tcacacctcc	ccatatcaaa	ccagaatgat	420
atttcttatt	tgcgtatgcc	atcctacggt	caattccaaa	caaactagga	gg	472

<210> 183

<211> 472

<212> DNA

<213> *Anthropoides virgo*

<400> 183

taccatgggg	acaaatgtca	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
tcccatatat	cggccaaacc	cttgtagaat	gagcttgagg	gggtttttca	gtagataatc	120
ccacattaac	tcgattcttc	acgttacact	tcctccttcc	attcataatt	atgggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggtcaaaa	caaccccccta	ggcatcgtat	240
caaactgcga	taaaatccca	ttccacccct	atTTTTcctt	aaaagatatc	ctaggattca	300
tactcatact	actcccactc	ataaccctag	ctctattctc	accaaactta	ctaggagacc	360
cagaaaactt	ccccccagca	aatccccctag	tcacacctcc	ctatattaaa	ccagaatgat	420

attttcttatt tgcatacgcc atcctacggt caattccaaa caaactagga gg

472

<210> 184

<211> 472

<212> DNA

<213> Grus antigone antigone

<400> 184

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccctacat	cggccaaacc	cttgtagaat	gagcttgagg	gggcttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggctcaaa	caaccccccta	ggcatcgtat	240
caaaactgcga	taaaatccca	ttccaccctt	acttttcctt	aaaagatatc	ctaggattca	300
cactcatact	acttccactc	ataaccctag	ccctattctc	accaaacccta	ctaggagacc	360
cagaaaactt	caccccagca	aacccccctag	tcacacctcc	tcatatcaag	ccagaatgat	420
acttttttatt	tgcatacgcc	atcctacggt	caatcccaaa	caaactagga	gg	472

<210> 185

<211> 472

<212> DNA

<213> Grus antigone gillae

<400> 185

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccctacat	cggccaaacc	cttgtagaat	gagcttgagg	gggcttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggctcaaa	caaccccccta	ggcatcgtat	240
caaaactgcga	taaaatccca	ttccaccctt	acttttcctt	aaaagatatc	ctaggattca	300
cactcatact	acttccactc	ataaccctag	ccctattctc	accaaacccta	ctaggagacc	360
cagaaaactt	caccccagca	aacccccctag	tcacacctcc	tcatatcaag	ccagaatgat	420
acttttttatt	tgcatacgcc	atcctacggt	caatcccaaa	caaactagga	gg	472

<210> 186

<211> 472

<212> DNA

<213> Grus antigone sharpei

<400> 186

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccctacgg	cggccaaacc	cttgtagaat	gagcttgagg	gggcttctca	gtagacaatc	120

ccacattaac	tcgattcttc	actttacact	tcctccttcc	cttcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggttcaaa	caacccctta	ggcatcgat	240
caaactgcga	taaaatccca	ttccacccct	acttttcctt	aaaagatatc	ctaggattca	300
cactcatact	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	cacccagca	aacccctag	tcacacctcc	ccatatcaag	ccagaatgat	420
actttttatt	tgcatacgcc	atcctacgtt	caatcccaaa	caaactagga	gg	472

<210> 187

<211> 472

<212> DNA

<213> *Grus leucogeranus*

<400> 187

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccctacac	cggccaaaacc	cttgtagaat	gagcttgagg	gggcttctca	gtagacaacc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggttcaaa	caacccctta	ggcatcgat	240
caaactgcga	taaaatccca	ttccacccct	acttttcctt	aaaagatatc	ctagggttca	300
tactcatact	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	cactccagca	aacccctag	taacaccccc	acatatataa	ccagaatgat	420
atttcttatt	tgcatacgcc	atccgacgtt	caatcccaaa	caaactagga	gg	472

<210> 188

<211> 472

<212> DNA

<213> *Grus canadensis pratensis*

<400> 188

tgccatgagg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaaacc	ctcgtagaat	gggcttgagg	gggcttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggttcaaa	caacccctta	ggcattgtat	240
caaactgcga	taaaatccca	ttccacccct	atttttcctt	aaaagatatc	ctagggttca	300
tactcatact	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	cacccagca	gacccctag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actttttatt	tgccatagcc	atcttacgct	caatcccaaa	caaactagga	gg	472

<210> 189

<211> 472

<212> DNA

<213> *Grus canadensis rowani*

<400> 189

tgccatgagg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gggcttgagg	gggcttctca	gtagacaatc	120
ccacattaac	cggattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggtcctca	caatccccct	ggcattgtat	240
caaactgcga	taaaatccca	ttccacccct	atctttcctt	aaaagatatc	ctagggttca	300
tactcatact	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aacccccctag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actttttatt	tgcctacgcc	atcttacgct	caatccccaa	caaactagga	gg	472

<210> 190

<211> 472

<212> DNA

<213> *Grus canadensis tabida*

<400> 190

taccatgagg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gggcttgagg	gggcttctca	gtagacaatc	120
ccacattaac	cggattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggtcctca	caatccccct	ggcattgtat	240
caaactgcga	taaaatccca	ttccacccct	atctttcctt	aaaagatatc	ctagggttca	300
tactcatact	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aacccccctag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actttttatt	tgcctactcc	atcttacgct	caatccccaa	caaactagga	gg	472

<210> 191

<211> 472

<212> DNA

<213> *Grus canadensis canadensis*

<400> 191

taccatgggg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gggcttgagg	gggcttctca	gtagacaatc	120
ccacattaac	cggattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggtcctca	caatccccct	ggcattgtat	240
caaactgcga	taaaatccca	ttccacccct	atctttcctt	aaaagatatc	ctagggttca	300
tactcatact	acttccactt	ataaccctag	ctctatttct	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aacccccctag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actttttatt	tgcctacgcc	atcttacgct	caatccccaa	caaactagga	gg	472

<210> 192

<211> 472

<212> DNA

<213> *Grus americana*

<400> 192

taccatgagg	acaaatatca	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
tcccatacat	cggccaaacc	atcgtagaat	gagcttgagg	gggcttctct	gtagacaacc	120
ccacattaac	cggattcttc	actttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	ctccacgaat	cgggtcaaaa	caacccctta	ggcatcgat	240
caaactgcga	taaaatccca	ttccacccct	atttttcctt	aaaagacatc	ctaggattca	300
cactcatatt	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tgacacctcc	ccatattaag	cgggaatgat	420
actttttatt	tgcatacgcc	atcctacgtt	caatcccaaa	caaactagga	gg	472

<210> 193

<211> 472

<212> DNA

<213> *Grus grus*

<400> 193

taccatgggg	acaaatgtca	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gagcttgagg	gggcttctca	gtagacaacc	120
ccacattaac	cggattcttc	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggtcaaaa	caacccctta	ggcatcgat	240
caaactgcga	taaaatccca	ttccacccct	atttttcctt	aaaagatatc	ctagggttca	300
tactcatatt	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tcacacctcc	ccatattaag	cgggaatgat	420
actttttatt	tgcatacgcc	atcctcgggt	caatcccaaa	caaactagga	gg	472

<210> 194

<211> 472

<212> DNA

<213> *Grus monacha*

<400> 194

taccatgagg	acaaatatca	ttttgagggg	ctacagttat	caccaacctc	ttctcagccg	60
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ccacattaac	tcgattcttc	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	ctccacgaat	cgggtcaaaa	caacccctta	ggcatcgat	240
caaactgcga	taaaattcca	ttccacccct	atttttcctt	aaaagatatc	ctaggattca	300
tattcatatt	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tcacacctcc	tcatatataa	cgggaatgat	420

acttttctatt tgcatacgcc gtcctacggt caatcccaaa caaactagga gg

472

<210> 195

<211> 472

<212> DNA

<213> *Grus nigricollis*

<400> 195

taccatgagg	acaaatatca	ttttgagggg	ctacagttat	caccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gagcttgagg	aggcttctca	gtagacaacc	120
ccacattaac	tgcattcttc	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	ctccacgaat	cgggctcaaa	caaccccccta	ggcatcgat	240
caaactgcga	taaaattcca	ttccacccct	atthtttctt	aaaagatacc	ctaggattca	300
tattcatatt	acttccactc	ataaccctag	ctctatthtt	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aacccccctag	tcacacctcc	ccatattaag	cgggaatgat	420
acttttctatt	tgcatacgct	atcctacggt	caatcccaaa	caaactagga	gg	472

<210> 196

<211> 472

<212> DNA

<213> *Grus japonensis*

<400> 196

taccatgggg	acaaatatcc	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gagcttgagg	gggcttctca	gtagacaacc	120
ccacattaac	tgcattcttt	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	tctcactttc	ctccacgaat	cgggctcaaa	caaccccccta	ggcatcgat	240
caaactgtga	taaaatccca	ttccacccct	atthtttctt	aaaagataat	ttaggattta	300
cactcatatt	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aacccccctag	ttacacctcc	ccatattaag	cgggaatgat	420
acttcttatt	tgcatacgct	attctgcggt	caatcccaaa	caaactagga	gg	472

<210> 197

<211> 472

<212> DNA

<213> *Ciconia boyciana*

<400> 197

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caacactaac	ccgattcttc	gccctacact	ttcttctccc	cttcgcaatc	gcaggcctca	180
ccctaatacca	cctcaccttc	cttcacgagt	ccggctcaaa	caacccccta	ggcatcatct	240
caaactgcga	caaaattcca	ttccacccct	acttctccct	caaagatatc	ctaggcctta	300
cactcctact	tctgccacta	accaccctgg	ccctattctc	acccaaccta	ctaggtgacc	360
cagagaactt	caccccagcc	aaccccctag	tcacaccccc	tcacatcaag	ccagagtggg	420
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<210> 198

<211> 472

<212> DNA

<213> Rhea americana

<400> 198

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ctaccctaac	ccgattcttc	gccctgcact	tccttctccc	cttcctaate	gcaggcatta	180
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ctctcatatt	tatcccgcctc	ctaaccctag	ccttcttctc	acccaacctc	ctaggggacc	360
cagaaaactt	caccccagcc	aaccccctag	ttacaccccc	tcacatcaag	ccagaatgat	420
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<210> 199

<211> 472

<212> DNA

<213> Anthracoceros albirostris

<400> 199

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caaccctgac	acgattcttc	gccctacact	ttctcctccc	gttcataatc	gcaggcctag	180
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cagtaatact	cctcctccta	acctccctag	ccctcttctc	ccccaaccta	ctaggagacc	360
cagaaaactt	cacaccagca	aaccccctgg	taactcccc	ccatattaag	ccagaatggg	420
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<210> 200

<211> 472

<212> DNA

<213> Falco femoralis

<400> 200

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caacactgac	ccgattcttc	gccctacact	tcctcctacc	attcctaata	gcagggtca	180
ccttaatcca	cctcaccttc	ctacatgaat	cagggttcaaa	caaccccccta	ggaatcacat	240
caaactgcga	taaaatccca	ttccatccct	attactctct	caaagacctc	ctaggattca	300
tactcatata	cctcccccta	ataaccttag	ccctattcac	tcccaccta	ctaggagacc	360
cagaaaactt	tacaccagca	aatccccctag	tcaccccccc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcttacgcc	atcctacgct	caatccccaa	caaactaggt	gg	472

<210> 201

<211> 472

<212> DNA

<213> *Falco verpertinus*

<400> 201

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caacactaac	ccgattcttc	gccctacact	ttctcctacc	attcctaata	gcagggtca	180
ccctaattca	cctcaccttc	ctacacgaat	cagggttcaaa	caaccccccta	ggaatcacat	240
caaactgcga	caaaatccca	ttccatccct	actactctct	aaaagacctt	ttaggagtca	300
tactcatata	cctcccccta	ataaccttag	ccctatttac	cccaaactta	ctaggagacc	360
cagaaaactt	cacaccagca	aacccccctag	tcacaccccc	acacatcaaa	ccagaatgat	420
acttcctatt	tgcttacgcc	atcctacgct	caatccccaa	caaactgggt	gg	472

<210> 202

<211> 472

<212> DNA

<213> *Falco peregrinus*

<400> 202

taccctgagg	acaaatatca	ttctgaggag	ccacagtcac	taccaaccta	ttctcagcaa	60
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caacactgac	ccgattcttc	gccctacact	tcctacttcc	attcctaata	gcaggactca	180
ccctaattca	cctcaccttc	ctacatgaat	cagggttcaaa	taaccccccta	ggaatcacat	240
caaattgcga	caaaatccca	ttccacccat	actactctct	caaagatatc	ctaggattta	300
tactcatata	cctgcccccta	ataaccttag	ccctatttac	cccaaacctg	ctaggagacc	360
cagaaaactt	tacaccagca	aatccccctag	tcaccccccc	acacatcaaa	ccagaatgat	420
acttcctatt	tgcttacgcc	atcctacgct	caatccccaa	taaactgggc	gg	472

<210> 203

<211> 472

<212> DNA

<213> *Falco sparverius*

<400> 203

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caacactaac	ccgcttcttc	gccttacact	tcctcctacc	attcctaata	gcagggctta	180
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caaactgtga	caaaatccca	ttccacccct	actactctct	caaagacctc	ctagggtttta	300
tgctcatact	cctgccccta	atagccctag	ccctattcac	cccaaacctg	ctaggagacc	360
cagaaaactt	cacaccagcg	aacccccctag	tcaccccacc	acacatcaaa	ccagaatgat	420
acttcctatt	tgccctacgct	attctacgct	caattcccaa	caaattaggc	gg	472

<210> 204

<211> 472

<212> DNA

<213> *Aythya americana*

<400> 204

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cagactgcga	caaaatccca	tttcacccct	acttctcctt	caaagacatc	ctaggattta	300
tcctcatgct	caccccccta	atagcactag	ccctattctc	accaaacctc	ctaggagacc	360
cagaaaactt	taccccagca	aacccactag	taaccccacc	ccacatcaaa	ccagaatgat	420
acttcctatt	cgcctacgcc	atcctgcgat	caatcccga	taaactagga	gg	472

<210> 205

<211> 472

<212> DNA

<213> *Smithornis sharpei*

<400> 205

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ccacccttac	ccgattcttc	tccttccact	tcctcctccc	atttatcatc	gcaagcctga	180
cactcatcca	tctcaccttc	ctccatgaaa	caggttcaaa	caaccctcta	ggtatctcat	240
ctaactccga	taaaatccca	ttccacccat	acttctccat	aaaagacatt	ctaggctttg	300
caatcatact	aacaccacta	ataaccctag	ccatattctc	tcctaacctc	ctaggagacc	360
cagaaaattt	cacaccgcgc	aactccctcg	tcactcccc	tcatatcaaa	cccgaatgat	420
atTTTTtatt	tgcatacgct	attctgcgat	caattccaaa	caaactagga	gg	472

<210> 206

<211> 472

<212> DNA

<213> *Vidua chalybeata*

<400> 206

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caacactcac	cggattcttc	gccctacact	tccttctacc	cttcgtcatt	gcaggactca	180
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cagactgtga	caaaattcca	ttccacccat	actacaccac	aaaggacatc	ctaggcttcg	300
tactaatatt	cgcactccta	gcttccatag	ccctattctc	cccaaacata	ctaggagatc	360
cagaaaactt	cactccggcc	aaccccctaa	tcacaccacc	acatatcaaa	cccgaatgat	420
acttcctatt	cgcctacgcc	atcctacgat	ccatcccaaa	caaactagga	gg	472

<210> 207

<211> 472

<212> DNA

<213> *Chrysemys picta*

<400> 207

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caaccttaac	cggatttttt	acccttcact	tccttctacc	atttacaatc	ataggtctaa	180
caatagtaca	cctacttttt	ctacatgaaa	ctggatcaaa	caacccaaca	ggattaaact	240
caaacactga	caaaatccca	ttccaccctt	atttctcata	taaagacctt	ttaggcgtca	300
ttctaatact	aacctctcta	ctaaccctaa	cactattctc	tccaaacctt	ttagggggacc	360
cagataactt	cacaccggcc	aaccccctat	ctaccccacc	acatattaaa	ccagaatgat	420
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<210> 208

<211> 472

<212> DNA

<213> *Emys orbicularis*

<400> 208

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caaccctaac	cggattcttc	actttccatt	tcttactgcc	atttaccatt	ataggcctaa	180
caatagtaca	cctactcttc	ctacacgaaa	cgggatcaaa	caatccaaca	ggattaaact	240

caaacaccga	taaaatccct	ttccatccct	acttctcata	caaagaccta	ttaggactca	300
tcctaatact	agccttcctg	ctaaccctaa	cactattctc	tcctaaccct	ctaggagacc	360
cagataactt	tacaccagct	aacccgctat	ccacccccacc	acatattaag	ccagagtgat	420
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<210> 209

<211> 472

<212> DNA

<213> *Chelonia mydas*

<400> 209

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caaccctaac	ccgattcttc	accttcact	tcctattacc	atttgccatt	accggcctta	180
cagcagtaca	tctattattc	ctgcacgaaa	caggatcaaa	caacccaaca	ggattaaatt	240
caaataccga	caaaatcccc	ttccacccct	acttctccta	caaagactta	ctaggactca	300
ttttaatact	aactttcctc	ctaaccctaa	cacttttctc	cccctactta	ctaggagacc	360
cagacaactt	cacaccagcc	aaccctctat	ccactcctcc	ccacatcaaa	ccagaatgat	420
acttcctatt	tgctacgca	atcctacgat	caatcccaaa	caaactaggc	gg	472

<210> 210

<211> 472

<212> DNA

<213> *Eumeces egregius*

<400> 210

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ttccatacat	tggcaccaac	ctagtagaat	gaatttgagg	gggcttttcc	gtagacaacg	120
caaccctcac	ccgatttttc	acattccact	tccttctgcc	attcgctatt	ataggggcct	180
caataattca	cctactatct	cttcacgaaa	caggatcaaa	taacccaacc	ggactaaatt	240
ctagcacaga	taaggtgcca	ttccacccat	attacacata	caaagacctt	cttggtttca	300
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cagaaaattt	taccccagca	aacccctggg	taacaccccc	acatattaag	ccagagtgat	420
acttcttatt	tgctacgcc	atcctacgct	ctattccaaa	caaactaggc	gg	472

<210> 211

<211> 472

<212> DNA

<213> *Antelope cervicapra*

<400> 211

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caacccttac	cggatttttc	gccttcact	ttatcctccc	atttatcatt	gcagccctta	180
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cagacgcaga	caaaattcca	ttccacccct	actacactat	caaagatata	ctaggagctc	300
tactattaat	tttaaccctc	atgcttctag	tcctattctc	accggacctg	cttgagacc	360
cagacaacta	tacaccagca	aaccactta	atacaccccc	acatatcaag	cccgaatgat	420
acttcctatt	tgcatacgca	atcctccgat	caattcctaa	caaactagga	gg	472

<210> 212

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer for amplifying a fragment of cytochrome b
gene of animal species in polymerase chain reaction

<400> 212

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<210> 213

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer for amplifying a fragment of cytochrome b
gene of animal species in polymerase chain reaction

<400> 213

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<210> 214

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer for amplifying a fragment of cytochrome b
gene of animal species in polymerase chain reaction

<400> 214

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22

<210> 215

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer for amplifying a fragment of cytochrome b
gene of animal species in polymerase chain reaction

<400> 215

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22

<210> 216

<211> 472

<212> DNA

<213> Aepyceros melampus

<220>

<400> 216

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caaccctnac	ccgatttttc	gcyttccact	tcatcyttcc	attcatcatt	gcggcactag	180
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cagacaanna	catccccgca	aaccactca	acaccctcc	ccacatcaag	cccgaatggt	420
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<210> 217

<211> 472

<212> DNA

<213> Oreotragus oreotragus

<400> 217

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caacccttac	cggattcttt	gcctttcact	tcattcttcc	atttatcatc	gcagccctag	180
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cagacacaga	caaaatccca	tttcatcctt	attacacaat	caaagatatc	ctaggcgccc	300
tattactaat	tctagcttta	ttactcttag	tattattcac	acctgacctc	cttggagacc	360
cagataacta	caccccagca	aaccctactc	acactcccc	tcacattaaa	ccagaatggt	420
atttntctatt	ngcatatgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 218

<211> 472

<212> DNA

<213> Addax nasomaculatus

<400> 218

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caacccttac	cggatttttc	gccttcact	ttattctccc	ctttattatc	gctgcccttg	180
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cagacaatta	taccccagca	aatccactta	gcacgcccc	tcacatcaaa	cctgaatgat	420
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<210> 219

<211> 472

<212> DNA

<213> Oryx damah

<400> 219

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cagataatta	tacaccagca	aatccactta	acacaccccc	tcacatcaaa	cccgaatgat	420
atttcctatt	tgcatacgcg	atcttacgat	caatccccaa	caaactagga	gg	472

<210> 220

<211> 472

<212> DNA

<213> Hippotragus equinus

<400> 220

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caaccctcac	cagattcttc	gccttccact	ttattcttcc	ctttatcatc	actgcccttg	180
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cagacaacta	tgccccagca	aaccactca	acacggcccc	tcacattaaa	cccgaatgat	420
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<210> 221

<211> 472

<212> DNA

<213> Alcelaphus buselaphus

<400> 221

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caacccttac	cagatttttt	gccttccact	tcattcttcc	attcatcatt	gcagcccttg	180
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cagacaacta	cacccccgcg	aaccactta	acacaccccc	tcacatcaag	cccgaatgat	420
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<210> 222

<211> 472

<212> DNA

<213> Sigmoceros lichtensteinii

<400> 222

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caacccttac	cagatttttt	gccttccact	tcattctccc	attcatcatt	gcagcccttg	180
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cagacaacta	cacccccgcg	aaccactta	acacaccccc	tcacatcaag	cccgaatgat	420
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<210> 223

<211> 472

<212> DNA

<213> *Beatragus hunteri*

<400> 223

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caaccctcac	cggatttttc	gctttccact	ttattctccc	atttatcatt	acagcccttg	180
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cagacaacta	cacccccgca	aaccactta	atacaccccc	tcacatcaaa	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 224

<211> 472

<212> DNA

<213> *Damaliscus lunatus*

<400> 224

tgccatgagg	acaaatatca	ttctgaggag	caacagtcac	cactaacctc	ctctcagcaa	60
ttccatacat	cggcacaaat	ctagtccaat	ggatctgagg	gggcttctca	gtagacaaag	120
ccaccctcac	cggattcttt	gccttccact	tcattctccc	atttatcatt	gtagctcttg	180
ccatagtcca	cctcttattt	ctccatgaaa	caggatctaa	caacccacac	ggaatctcat	240
cagatgcgga	caaaatcccc	tttcacccct	actacactat	caaagacgcc	ctaggggccc	300
tactactaat	tctagccctc	atactactag	tactatttgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccctgca	aaccactca	acacgcccc	tcacatcaag	cccgaatgat	420
atttcctatt	cgcatacgca	atcctacggt	cgatccccaa	cgagctagga	gg	472

<210> 225

<211> 472

<212> DNA

<213> *Connochaetes taurinus*

<400> 225

taccatgagg	acaaatatcc	ttttgaggag	caacagtcac	caccaacctc	ctctcagcaa	60
tcccatacat	tggcactaac	ctagtcgaat	gaatctgagg	gggattctca	gtagacaaag	120
caacccttac	ccgatttttc	gccttccact	tcattcctcc	atttatcatc	acagcccttg	180
ctatagtcca	tctcctattc	ctccacgaaa	caggatctaa	caatcccaca	ggaatttcac	240
ccgacaccga	taaaatccca	ttccccccct	attacaccat	caaagacatc	ctaggcgctc	300
tattactaat	tctagcccta	atactactag	tactattcgc	gcccgattta	cttgagagacc	360
cagacaacta	cacccccgca	aatccactca	acacaccccc	tcacatcaag	cccgaatgat	420
acttcctatt	tgcatatgca	atcctacgat	caatccccaa	cggactagga	gg	472

<210> 226

<211> 472

<212> DNA

<213> Bison bonasus

<400> 226

taccatgagg	acaaatatca	ttttgaggag	caacagtcac	taccaacctc	ctatcagcaa	60
tcccatacat	cggcacaaaat	ctagtcgaat	gaatctgagg	cggattctca	gtagacaaag	120
caacccttac	ccgatttttc	gccttccact	ttatcctccc	atttattatc	atagcaattg	180
ccatagtcca	cctactattc	ctccacgaaa	caggttctaa	caatccaaca	ggaatttcct	240
cagacacaga	caaaattcca	ttccaccctt	actataccat	taaagacatc	ctaggagcct	300
tattactaat	tctaactcta	atactactag	tactattcgc	accggacctc	ctcggagacc	360
cagataacta	caccccagca	aatccactta	acacacctcc	ccacatcaaa	cccgaatgat	420
acttcttatt	tgcatangca	atcttacggt	caatccccaa	caaactagga	gg	472

<210> 227

<211> 472

<212> DNA

<213> Bos grunniens

<400> 227

taccatgagg	acaaatatca	ttttgagggg	caacagtcac	taccaacctc	ctatcagcaa	60
ttccatacat	cggcacaaaat	ttagtcgaat	ggatttgagg	tgggttctca	gtagacaaag	120
caaccctcac	ccgattcttc	gccttccact	ttatcctccc	atttattatt	acagcaattg	180
ccatagtcca	cctactattc	ctccacgaaa	caggctccaa	caatccaaca	ggaatctcct	240
cagacgcaga	caaaattcca	tttcaccctt	actataccat	taaagacatc	ttaggagcct	300
tattactaat	tctagcccta	atacttcttg	tactattcac	acccgacctc	ctcggagacc	360
cagacaacta	caccccagca	aatccactca	acacacctcc	ccacatcaaa	cccgaatgat	420
acttcttatt	tgcatacgca	atcttacgat	caatccccaa	taaactagga	gg	472

<210> 228

<211> 472

<212> DNA

<213> Bos tragocamelus

<400> 228

taccatgagg	acaaatatca	ttttgaggag	caacagttat	taccaatcta	ttatcagcaa	60
tcccatacat	cggcacaaac	ctagttgaat	gaatctgagg	cgggttctca	gtagacaaag	120
caaccctaac	ccgattcttc	gctttccact	ttatcctccc	attcatcatt	gcagccctcg	180
caataatcca	tctactcttc	ctccatgaaa	caggggtctaa	caatccaaca	ggaatttcat	240
cagacgcaga	taaaatccca	tttcacccct	actacactat	taaagacatt	ctaggagccc	300
tactactttat	tctagcccta	ataatactag	tactattcgc	acccgacctc	ctcggagacc	360
cagacaacta	caccccagca	aacccactta	gcacacctcc	ccatattaag	cccgaatggt	420
atttcctggt	cgcatacgca	attctacgat	caatccccaa	caaactagga	gg	472

<210> 229

<211> 472

<212> DNA

<213> Bubalus bubalis

<400> 229

tgccatgagg	acaaatatca	ttctgagggg	caacagtcac	caccaacctt	ctctcagcaa	60
tcccatacat	tgggtacaagt	ctgggtgaat	gaatttgagg	gggattctca	gtagacaaag	120
caaccctcac	ccgattcttc	gcatttccact	tcctcctccc	attcattatc	gcaggacttg	180
caatagtcca	cctattatctt	ctccacgaaa	caggatccaa	caacccaaca	ggaattctcat	240
cagacacaga	caaaatccca	ttccacccct	attacacccat	taaagacatc	ctaggcgccc	300
tactattaat	cctagcccta	atactattag	tactattcgc	acccgacctc	ctcggggacc	360
cagacaacta	caccccagca	aacccactca	acacacctcc	ccacatcaag	cctgaatggt	420
acttcctatt	cgcatacgca	atcttacgat	caatttcctaa	caaactagga	gg	472

<210> 230

<211> 472

<212> DNA

<213> Bubalus mindorensis

<400> 230

tgccatgagg	acaaatatca	ttctgagggg	caacagtcac	caccaacctt	ctctcagcaa	60
tcccatacat	tggcacaac	ctagttgagt	gaatttgagg	gggattctca	gtagacaaag	120
caaccctcac	ccgattcttc	gcatttccact	tcctcctccc	attcattatc	gcaggacttg	180
caatagtcca	cctattatctt	ctccacgaaa	caggatccaa	caacccaaca	ggaattctcat	240
cagacacaga	caaaatccca	ttccacccct	actacacccat	taaagacatt	ctaggcgccc	300
tgctattaat	cctagcccta	atactattag	tactattcac	acccgacctc	ctcggggacc	360
cagacaacta	caccccagca	aacccactca	acacacctcc	ccatatacaa	cctgaatggt	420
acttcctatt	cgcatacgca	atcttacgat	cagtttcctaa	caaactagga	gg	472

<210> 231

<211> 472

<212> DNA

<213> *Tragelaphus angasii*

<400> 231

tgccatgagg	acaaatatca	ttctgaggag	caacggtcat	cacaaacctc	ctatcagcaa	60
tcccatatat	tggcaccaac	ctagttgaat	gaatctgagg	aggcttctcg	gtagacaagg	120
caaccctaac	ccgatttttc	gccttccact	tcctcctccc	gtttattatt	acagcgctgg	180
ttatgggtcca	cctattattc	ctccatgaaa	caggatccaa	caacccaaca	ggaatctcat	240
cagacataga	caaaattcca	ttccaccctt	attacactat	caaggacatc	ctaggcgccc	300
tactattaat	cctagcccta	atagtactag	tactattcac	acctgacctc	ctcggagacc	360
ccgacaacta	caccccagcg	aacccctca	atacacctcc	ccatatcaaa	cctgaatgat	420
atttcctggt	cgcatatgca	atcctacgat	ctatccccaa	caagctagga	gg	472

<210> 232

<211> 472

<212> DNA

<213> *Tragelaphus eurycerus*

<400> 232

taccatgagg	acaaatatca	ttttgaggag	caacagtcac	cacaaacctt	ctatcagcaa	60
tcccttatat	tggcaccagc	ctagtcgaat	gaatctgagg	gggcttttca	gtagacaaag	120
caaccttaac	ccgattcttc	gccttccact	ttatccttcc	atttattatt	acagcactag	180
ccatgggtaca	cctactattc	ctccacgaaa	caggatccaa	caacccaaca	ggratctcat	240
craacataga	caaaattcca	tttcaccctt	actacactat	taaggacatc	ctaggtgccc	300
tactgctaata	cctaactcta	atactcctag	tactattcgc	acccgacctt	ctcggagacc	360
ccgacaacta	caccccagca	aacccactca	acacaccacc	tcatatcaaa	cctgaatgat	420
acttcctatt	cgcatatgca	atcctacgat	caatccctaa	taaactagga	gg	472

<210> 233

<211> 472

<212> DNA

<213> *Nemorhaedus caudatus*

<400> 233

taccatgagg	acagatatca	ttctgagggg	caacagttat	taccaatctt	ctctcagcaa	60
tcccatatat	tggcacaaac	ctagtcgaat	gaatctgagg	gggatttctca	gtagacaaag	120
ctactctcac	ccgattcttc	gccttccact	tcctcctccc	atttatcatt	acagctactg	180
ctatagttcca	cctacttttc	ctccatgaga	taggatccaa	caaccccaca	ggtatcccat	240
cagacataga	caaaatccca	tttcaccctt	attatacaat	caaagatatt	ctaggcgcta	300

tactactaat	cctcaccctt	atcttactgg	tattattcac	acctgactta	cttggagatc	360
cagacaacta	taccccagca	aacccactca	gcacaccccc	tcacattaaa	cctgaatgat	420
atttcctatt	tgcatatgca	atcttacgat	caatccccaa	taaactaggc	gg	472

<210> 234

<211> 472

<212> DNA

<213> *Pseudois naya*

<400> 234

tgccatgagg	acaaatatca	ttttgagggg	caacagtcac	caccaacctt	ctctcagcaa	60
tcccctatat	tggcacaaat	ctagtogaat	ggatctgagg	gggattctca	gtagacaagg	120
ccactctcac	cggattcttc	gccttccact	tcctcctccc	atttattatt	atagccctcg	180
ccatagtcca	cctacttttc	ctccacgaaa	caggatctaa	caaccccaca	ggaatcccat	240
cagacacaga	caaaatccca	ttccaccctt	actacaccat	taaagatatt	ctaggcgctg	300
cactgcta	cctcgccctg	atattactag	tattattttac	acccgacctc	ctcgggagacc	360
cagacaacta	caccccagca	aacccactca	acacaccccc	tcacattaaa	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caagctagga	gg	472

<210> 235

<211> 472

<212> DNA

<213> *Ammotragus lervia*

<400> 235

tgccatgagg	acagatatca	ttctgagggg	caacagtcac	caccaacctt	ctctcagcaa	60
tcccatacat	tggcacagac	ctgggtogaat	gaatctgagg	gggattctca	gtagacaaag	120
ctactctcac	cggattcttc	gccttccact	tcctcctccc	atttgtaatc	gcagccctag	180
ccatagtcca	cttacttttc	ctccatgaaa	cgggatccaa	caaccccaca	ggaatttcat	240
cagacgcaga	caaaatccca	ttccaccctt	actacaccat	caaagatatt	ctaggcgcca	300
tgctactaat	cctcaccctc	acactactag	tactattttac	acccgatcta	ctcggggacc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcattattaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccctaa	taaactggga	gg	472

<210> 236

<211> 472

<212> DNA

<213> *Capra falconeri*

<400> 236

taccatgagg	acaaatatca	ttctgagggg	caacagtcac	caccaatctc	ctctcagcaa	60
tcccatatat	tggcacaaac	ctagtctgaat	gaatctgagg	aggattctca	gtagataaag	120
ccaccctcac	ccgattcttc	gccttccact	ttatcctccc	attcatcatt	gcaggcctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caatcccaca	ggaattccat	240
cagacacaga	caaaatccca	tttcaccctt	actacaccat	taaagatatc	ctaggcgcca	300
tactactaat	tctcgccctg	atgctactag	tactattcac	acctgacctc	ctcgggagacc	360
cagataacta	tatcccagca	aatccactca	atacaccccc	tcatatcaaa	cctgagtggt	420
acttcctatt	tgcatacgca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 237

<211> 472

<212> DNA

<213> Capra ibex

<400> 237

taccatgagg	acaaatatca	ttctgagggg	caacagtcac	cactaacctt	ctctcagcaa	60
tcccatatat	tggcacaaac	ctagtctgaat	gaatctgagg	gggattctca	gtagacaaag	120
ccactctcac	ccgattcttc	gccttccact	tcatectccc	attcatcatt	acagccctcg	180
ccatagtcca	cctgctcttc	ctccacgaaa	cgggatccaa	caaccccaca	ggaattccat	240
cagacacaga	caaaatccca	ttccaccctt	actacaccat	taaagatatc	ttaggcgcca	300
tgctactaat	tcttgtccta	atattactag	tactattcac	acccgacctc	ctcggggacc	360
cagacaacta	taccccagca	aacccactca	atacaccccc	tcacattaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattccccaa	caaactaggg	gg	472

<210> 238

<211> 472

<212> DNA

<213> Hemitragus jemlahicus

<400> 238

taccatgagg	acagatatca	ttctgagggg	caacagtcac	caccaaacctt	ctctcagcaa	60
ttccatatat	cggcacaaac	ctagtctgaat	gaatctgagg	aggattctca	gtagacaaag	120
ctaccctaac	ccgattcttc	gctttccact	tcattctccc	attcatcatt	gcagccctcg	180
ccatagtcca	cctgctcttc	ctccacgaaa	cagggatccaa	caaccccaca	gggattccat	240
cagatacaga	caaaatccca	tttcaccctt	actacaccat	taaagatatt	ttaggcgcca	300
tactactaat	tcttgtccta	atattactag	tactatttat	acccgacctc	cttgggagacc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacattaaa	cctgaatgat	420
atthttctatt	tgcatacgcg	atcctacgat	caattccccaa	caaactagga	gg	472

<210> 239

<211> 472

<212> DNA

<213> Rupicapra pyrenaica

<400> 239

taccatgagg	acagatatca	ttctgaggag	caacagttat	taccaatctc	ctctcagcaa	60
tcccatacat	tggcatagac	ttagtcgagt	gaatctgagg	gggcttctcg	gtagacaaag	120
ctaccctcac	ccgattcttt	gcctttcact	tcctcctccc	attcatcatt	gcagccttag	180
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tactactaat	cctcaccctt	atactactgg	tactatttac	acctgaccta	ctcggagacc	360
cagataacta	taccccagcg	aacccactca	acacaccccc	tcacatcaaa	cccgaatgat	420
atttcttggt	tgcatatgcg	atcctacgat	caattcccaa	caaacttgga	gg	472

<210> 240

<211> 472

<212> DNA

<213> Rupicapra rupicapra

<400> 240

taccatgagg	acagatatca	ttctggggag	caacagttat	taccaacctc	ctctcagcga	60
tcccgatat	tggcacagac	ttagtcgaat	gaatctgagg	aggcttctcg	gtagacaagg	120
ctaccctcac	ccgattcttt	gccttccact	tcctcctccc	atttatcatt	gcagccttag	180
ccctagtcca	cctactcttc	ctccacgaaa	caggatctaa	caaccccaca	ggaatcccat	240
cagatgcgga	caaaatccca	tttnacccct	attataccat	caaagacatt	ctggggcgcca	300
tactactaat	cctcaccctc	atactactag	tactattnac	acctgaccta	ctcggagacc	360
cagataatta	caccccagcg	aacccactca	acacaccccc	tcacattaaa	cccgaatgat	420
atttcttatt	tgcatatgca	attctacgat	caatccccaa	caaacttgga	gg	472

<210> 241

<211> 472

<212> DNA

<213> Pantholops hodgsoni

<400> 241

taccatgagg	acaaatatca	ttctgaggag	caacagtaat	taccaacctc	ctttcagcaa	60
tcccatacat	tggcacagac	ctagtccaat	gaatctgagg	gggattctca	gtagacaaag	120
ctacccttac	ccgattcttt	gccttccatt	tcattctccc	attcatcatc	gcagccctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaattccat	240
cagatgcaga	caaaatccca	tttcacccct	actataccat	taaagacatc	ctagggcgcta	300
tactactaat	cctaactctc	atattactag	tactattttc	acctgaccta	ctcggagacc	360
cagacaatta	taccccagca	aacccccctca	acacaccacc	ccacattaaa	cctgaatggt	420
actttctatt	tgcatacgca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 242

<211> 472

<212> DNA

<213> *Budorcas taxicolor taxicolor*

<400> 242

taccatgagg	acaaatatca	ttttgaggag	caacagtcac	taccaacctc	ctctcagcaa	60
tcccatatat	tggcacaaac	ctagttgagt	gaatctgagg	aggattctca	gtagacaaag	120
catccctcac	cggattcttt	gcctttcact	tcacccctcc	atttatcatc	gcagacctcg	180
ccatagtcca	tttacttttc	ctccacgaaa	caggatccaa	caacccacac	ggaattccgt	240
cagatgcaga	taaaattcca	tttcaccctt	attacaccat	taaagatatc	ctaggagtca	300
tactactaat	cctcgctctc	atgttgctag	tactatttat	acttgacgta	cttggagacc	360
cagataatta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcttacgat	caatccccaa	caaactagga	gg	472

<210> 243

<211> 472

<212> DNA

<213> *Ovis ammon*

<400> 243

taccatgagg	acaaatatca	ttctgaggag	caacagttat	taccaacctc	ctttcagcaa	60
ttccatatat	tggcacaaac	ctagtcgaat	gaatctgagg	gggattctca	gtagacaaag	120
ccaccctgac	cggattcttc	gcctttcact	ttattttccc	attcatcatc	gcagccctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caacccacac	ggaatcccat	240
cggacacaga	taaaattccc	ttccaccctt	actacaccat	taaagacatc	ctaggtgccca	300
tcctactaat	cctcaccctc	atactactag	tactattcac	gcctgacctc	ctcggagacc	360
cagacaacta	caccccagca	aacccactta	acactccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcttacgat	caatccctaa	taaactagga	gg	472

<210> 244

<211> 472

<212> DNA

<213> *Ovis vignei*

<220>

<221> n

<222> 264-278

<223> unknown base

<400> 244

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ttccatatat	tggcacaaac	ctagtccaat	gaatctgagg	aggattctca	gtagacaaag	120
ctaccctcac	ccgatttttc	gcctttcact	ttattttccc	attcatcatc	gcagccctcg	180
ctatagtcca	cctactcttc	ctccacgaaa	caggatccaa	taaccccaca	ggaattccat	240
cggacacaga	caaaatcccc	ttcnnnnnnn	nnnnnnnnat	taaagacatt	ctgggtgcc	300
tcctactaat	cctcactctc	atgetgctag	tactattcac	gcctgactta	cttgagagacc	360
cagacaacta	caccccagca	aacccactta	acactcccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatatgca	atcttacgat	caatccctaa	taaactagga	gg	472

<210> 245

<211> 472

<212> DNA

<213> *Capcornis crispus*

<400> 245

taccatgagg	acaaatatca	ttctgagggg	ctacagtcac	tactaacctc	ctctcagcaa	60
ttccatatat	tggcacaaac	ttagtagaat	gaatctgagg	aggattctcc	gtagacaaag	120
ccaccctcac	ccgatttttc	gccttccatt	tcattctccc	attcatcatc	acagccctcg	180
ccatagtcca	cctacttttc	ctccacgaaa	caggatccaa	caaccccaca	ggaatctcat	240
cagacacaga	caaaatccca	ttccacccct	actacacaat	caaagatata	ctaggcatcg	300
tgctactaat	cctcaccctc	atactactag	tactgttcac	acccgacctc	ctcggagacc	360
cagacaacta	cactccagca	aacccactca	acacaccccc	tcacatcaag	cccagatgat	420
acttcctatt	tgcatacgca	atcctacgat	caatccccaa	caaactaggc	gg	472

<210> 246

<211> 472

<212> DNA

<213> *Ovibos moschatus*

<400> 246

taccatgagg	acaaatatca	ttctgaggag	ctacagtcac	cactaacctc	ctctcagcaa	60
ttccatatat	cggcacaaac	ctagtccaat	gaatctgagg	aggattctcc	gtagacaaag	120
ccaccctcac	ccgatttttc	gcttttcact	ttatcctccc	atttatcatc	gtagecctcg	180
ctatagtaca	tttgctcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaattccat	240
cagacacgga	caaaatccca	ttccacccct	actatacaat	caaagacatt	ctaggcgcca	300
tactactaat	ccttaccctt	atactactag	tattattcac	acccgacctc	cttgagagacc	360
cagacaacta	taccccagca	aacccactca	acacaccccc	tcacattaaa	ccagagtgat	420
acttcctatt	tgcatacgca	atcctacgat	caattcctaa	caaactaggc	gg	472

<210> 247

<211> 472

<212> DNA

<213> *Oreamnos americanus*

<400> 247

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cggacacaga	taaaattccc	ttccaccctt	actacaccat	taaagacatc	ctaggtgcca	300
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cagacaacta	caccccagca	aaccactta	acactcccc	tcacatcaaa	cctgaatgat	420
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cagataacta	caccccagca	aaccactca	acacacctcc	ccatattaaa	cccgaatgat	420
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<210> 249

<211> 472

<212> DNA

<213> *Cephalophus maxwellii*

<400> 249

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<210> 250

<211> 472

<212> DNA

<213> Alces alces

<400> 250

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<210> 251

<211> 472

<212> DNA

<213> Hydropotes inermis

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<211> 472

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cgcacaatta	taccccagca	aaccactca	atacaccccc	tcacatcaag	cctgaatgat	420
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<210> 253

<211> 472

<212> DNA

<213> Cervus elaphus kansuensis

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<210> 254

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<210> 255

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<213> Cervus elaphus canadensis

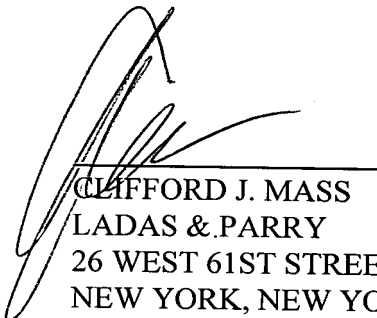
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REMARKS

The above amendatory action is taken to correct the errors in the Sequence Listing noted in the Official Communication of May 21, 2002. In addition to a paper copy of the Sequence Listing, a computer readable copy of the Sequence Listing and the requisite statements are submitted herewith.

Respectfully submitted,



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